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AGRICULTURE '86

Agriculture
TENNESSEE DEPARTMENT OF AGRICULTURE

Message from the Commissioner of Agriculture

Tennessee Agriculture '86 is the first totally comprehensive annual report on the state's number one industry. A project of the Tennessee Department of Agriculture, this report is designed to provide a broad range of statistical data and narrative information on progress being made in a number of areas.

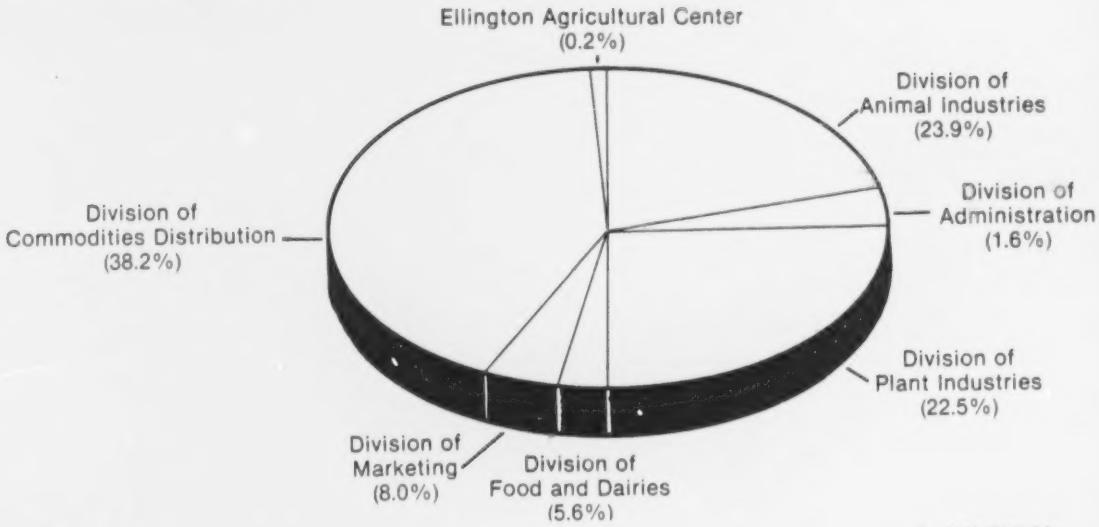
The year 1985 was an exceptional production year for most crops and livestock, as timely rains and normal temperatures helped promote optimum production.

The state achieved Class A status in its program to eliminate Brucellosis, embarked on a major new program to provide technical assistance and cost sharing for soil conservation, expanded domestic and international market development efforts for agricultural commodities and eliminated the gypsy moth from infestation in Johnson County.

More detailed information on Tennessee agricultural statistics and activities can be found throughout this report.

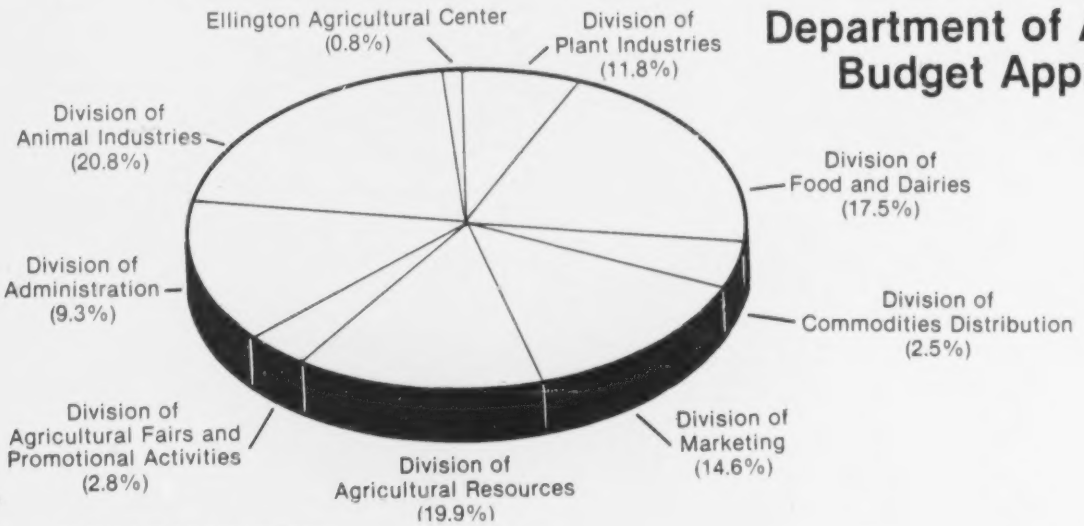
William H. Walker, III
Commissioner of Agriculture

Department of Agriculture Revenue



Division of Animal Industries	$ 820,000.00
Division of Administration	54,100.00
Division of Plant Industries	770,400.00
Division of Food and Dairies	193,000.00
Division of Marketing	274,200.00
Division of Commodities Distribution	1,307,500.00
Ellington Agricultural Center	5,500.00
	$3,424,700.00

Department of Agriculture Budget Appropriations



Division of Administration	$ 1,000,900.00
Division of Animal Industries	2,232,300.00
Ellington Agricultural Center	88,600.00
Division of Plant Industries	1,265,800.00
Division of Food and Dairies	1,879,700.00
Division of Commodities Distribution	267,000.00
Division of Marketing	1,570,500.00
Division of Agricultural Resources	2,143,500.00
Agricultural Fairs and Promotional Activities	303,000.00
	$10,751,300.00

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Farm Production Shows Diversity of Regions

Agriculture in Tennessee is very diversified. Because of its variety and dynamics, this agrarian industry affects our daily lives in ways in which we often overlook. The magnitude of the agricultural industry is such that it is the core of our health, economy and recreation. It is the number one industry in the state and employs one of every four working Tennesseans. This fact is highlighted by the official logo of the Tennessee Department of Agriculture, **"Agriculture Number One in Tennessee."**

Production agriculture, farm-supply and processing/distribution activities comprise the complex agribusiness system of modern agriculture. Farming and forestry dominate Tennessee's landscape. About 21.5 million acres, 80% of the land area, is devoted to the production of crops, livestock, timber, and other agricultural products.

As the foundation of the industry, farm production occurs on approximately 98,000 farms in Tennessee. The average farm size is 137 acres with only 20 percent of farms being larger than 180 acres. Slightly over 1 percent of the farms in Tennessee are 1000 acres or larger. More than $15 billion is invested in land, machinery, livestock, buildings and other production items on Tennessee's farms.

Tennessee's terrain ranges from the rugged mountains of East Tennessee to the rolling hills of Middle to the lush flatlands of the Western extreme. As the topography of the land is varied, so are the major emphases on agricultural production diversified according to the regions. Though most agricultural enterprises can be found in each of the regions, each region has a greater concentration of a particular facet of agricultural production as its most common commodity.

East Tennessee has a greater volume of dairy farms than either Middle or West Tennessee. A large percentage of East Tennessee farmers also produce beef cattle in great numbers. Tobacco, the state's leading cash crop, is most prominent in the Eastern extreme of the state. Limited row crops are cultivated in this area.

Middle Tennessee is noted for its concentration of livestock. Beef cattle, feeder calves and feeder pigs are found in large numbers throughout this region alongside dairy farms and row crop operations. The rolling hills and abundant pastures make livestock production a logical specialty for this part of the state.

Most of Tennessee's largest row cropping operations are centralized in West Tennessee. The great expanse of flatlands makes row cropping the area of greatest appeal and economic feasibility for agriculturalists. Topography dictates that conservation practices play a vital role in all agricultural efforts in this area.

Tennessee's diversified agricultural industry is enhanced by the wide variety of growing conditions, found through-out the three distinct regions. It is this broad range of assets, along with the cohesive efforts of all segments of the industry, that make agriculture in Tennessee the important economic force that it is.

Tennessee's Top Agricultural Products

Cattle and Calves	$425 million
Dairy Products	$281 million
Soybeans	$243 million
Tobacco	$221 million
Greenhouse & Nursery	$195 million
Hogs	$158 million
Corn	$127 million
Cotton Lint	$102 million
Broilers	$ 79 million
Other Fruits & Vegetables	$ 42 million

T.D.A. Changes with Needs Of State's Agriculture

The journey, from being a Bureau of nine unsalaried men holding semi-annual meetings to promoting the number one industry in the state, has been productive and eventful. From its formation by the Tennessee Legislature in 1854 to present, the Tennessee Department of Agriculture has grown from a group of nine men charged with promoting county and other fairs across the state to seven divisions with over 350 employees. The number one priority of the Tennessee Department of Agriculture remains "encouraging and promoting in every practicable manner the interests of agriculture."

The responsibilities of the Tennessee Department of Agriculture have greatly changed and diversified in the 132 years of its existence. From the Bureau of Agriculture and Manufactures, as it was first called, with an elected Secretary as its head, to the current Department of Agriculture with a Governor appointed Commissioner, who is by law a farmer, as its chief officer, the department has been in continual operation since its inception in 1854, except for 12 years during the Civil War period when no meetings were held.

The department has operated from its 207 acre Ellington Agricultural Center facility since 1961. Original structures, on the former horse farm, have been utilized to house several of the divisions and additional buildings have been constructed for others.

Tennessee has from its early statehood days been one of the nation's leading agricultural states. In recognition of this, the Tennessee legislature in 1937 felt it appropriate to 'commemorate' those Tennessee citizens who have made noteworthy contributions in farming, inventions or otherwise. The Tennessee Agricultural Hall of Fame was therefore created to honor these important agriculturalists. The Hall of Fame continues to recognize and honor those who contribute to the promotion of agriculture in the state.

Since 1872, twenty-nine individuals have led the department including one, Buford Ellington, who went on to serve as governor of Tennessee. The agriculture department facilities are named in his honor. The department's administration building is named for W.F. Moss who served as Commissioner of Agriculture from 1958-79 and Assistant Commissioner of Agriculture from 1953-58.

Just as the industry of agriculture is ever-changing and developing, so has the Department of Agriculture continued to grow and change with the needs of Tennessee agri-industry. The department endeavors to promote agricultural interests and administers regulatory activities as necessary to protect Tennessee's producers and consumers.

The journey of the Tennessee Department of Agriculture has been long and eventful, yet it is far from over. Though much has been achieved since its formation, the department has goals of even greater accomplishments. The cooperation of Tennessee's farmers, service organizations, and agri-businesses, along with dedicated leadership insures a progressive and productive future for Tennessee agriculture.

Directory of the Tennessee Department of Agriculture

Ellington Agricultural Center
Box 40627, Melrose Station
Nashville, Tennessee 37204

Commissioner William H. Walker, III
360-0100

Deputy Commissioner Bobby W. Vannatta
360-0103

Administrative Division—360-0103
Agricultural Resources Division—360-0108
Animal Industries Division—360-0120
Commodity Distribution Division—360-0162
Food and Dairy Division—360-0150
Marketing Division—360-0160
Plant Industries Division—360-0130
Tennessee Agricultural Statistics Service—360-0106
Oscar Farris Agricultural Museum—360-0197
Information—360-0117

Administrative Division Provides Information, Other Helps for Farmers

Information is something every farmer and consumer needs: "Where can I get hay?" —"What does this new law mean?" —"How can I find out about fruit and vegetable markets in my county?"

Through the information services of the Public Affairs section, a part of the Administrative Division, the questions you ask are answered or referred to one of our experts.

As the central coordinating unit of the Tennessee Department of Agriculture, the Administrative Division supervises and aids the work of all the divisions.

Headed by the Commissioner of Agriculture, the staff of the Administrative Division includes the Deputy Commissioner, the assistants to the Commissioner, and the Staff Attorney. With offices in the Moss Administration Building, the Lou Wallace Library, and the Oscar Farris Agricultural Museum, the Administrative Division is in charge of the budget for the Department, provides legal services, coordinates information services, and handles personnel matters.

Information services provided by the Tennessee Department of Agriculture include news releases, the quarterly published *Tennessee Agri-Report, Tennessee Agriculture '86,* brochures, directories, and other printed materials.

Fair administration is one of the oldest functions of the department as the responsibility dates to the 1854 founding of the Bureau of Agriculture.

Agricultural fairs are a thriving feature of the state's agricultural picture as the fifty-two fairs held in 1985 drew over 2.5 million spectators and had total receipts of over $6.5 million. More than one-half million dollars were paid in agricultural premiums to many of the 63,180 exhibitors who showed the best of Tennessee agricultural production including 5,566 beef cattle, 5,390 dairy cattle, 4,164 swine, 4,268 sheep, and 6,011 poultry.

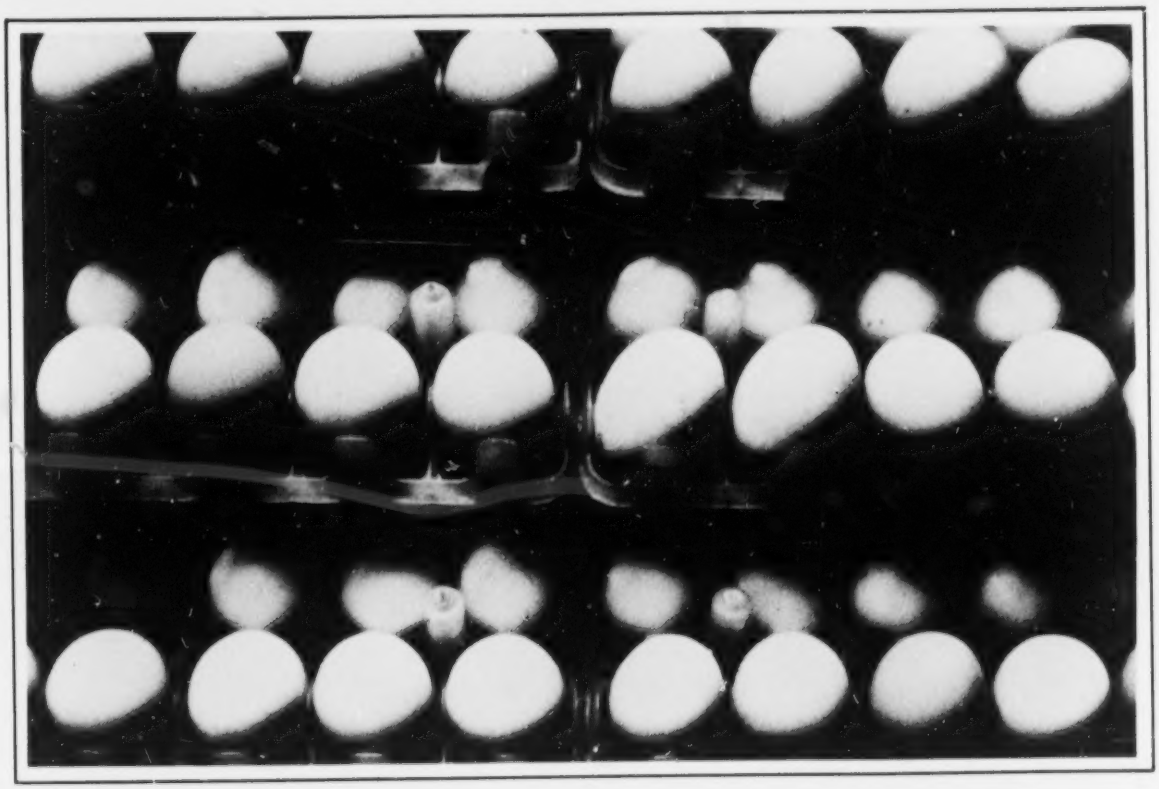
The Tennessee Department of Agriculture is strongly committed to the development of skills, character, and discipline in Tennessee youth through its support of the agricultural youth clubs, the 4-H Club and the Future Farmers of America. Through participation in a variety of shows and projects these clubs offer educational opportunities that help shape tomorrow's leaders. Many of the state's current agricultural leaders and achievers are products of F.F.A. chapters and the 4-H program.

Chief priorities of the Tennessee Department of Agriculture

1. **Promoting the industry of agriculture**
2. **Developing markets**
3. **Encouraging soil conservation**

Administrative Division

The Oscar Farris Agricultural Museum is toured annually by thousands of visitors. The Annual Rural Life Festival had 5,885 guests at the 1986 event.



TENNESSEE AGRICULTURAL STATISTICS

issued Cooperatively by
TENNESSEE DEPARTMENT OF AGRICULTURE
William H. Walker, III, Commissioner
UNITED STATES DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
William E. Kibler, Administrator

Compiled by
TENNESSEE AGRICULTURAL STATISTICS SERVICE
Robert M. Murphy, Statistician in Charge
Ellington Agricultural Center
P.O. Box 41505
Nashville, Tennessee 37204

1986 TENNESSEE AGRICULTURAL STATISTICS

The Tennessee Agricultural Statistics Service is a new name for an old service. Our new name more accurately reflects the scope of the service provided to Tennessee and U.S. agricultural data users. It is a pleasure for me to continue the tradition established under our former name, the Tennessee Crop Reporting Service, of providing a convenient reference for agricultural statistics.

This annual bulletin like all previous editions since the early 1960's offers complete coverage of a wide array of local, state or national agricultural information. Current and historic data from fifty or more separate periodic publications issued during the year are summarized in this report.

The quality of service provided by the Tennessee Agricultural Statistics Service would not be possible without the continued support of Tennessee farmers and the agri-business community. Tennessee farmers routinely rank at or near the top in survey cooperation. Thank you for the time and effort contributed to insure accurate and timely statistics.

A special note of thanks is also extended to the full and part-time employees of this office and other state and federal agencies who had a part in the preparation of this bulletin.

Robert Murphy
Statistician in Charge

1985 AGRICULTURAL WEATHER SUMMARY

The 1985 weather season was characterized by extremely low winter temperatures followed by near normal temperatures the rest of the year. Despite below normal amounts of rainfall, the timing of precipitation was evidently close to perfect. Consequently, the vast majority of Tennessee farmers harvested the most bountiful yields of their lifetime.

JANUARY—Record breaking cold weather plunged the State into a deep freeze. Below zero temperatures occurred throughout the State and record lows of 20 degrees or more below zero were recorded in many areas. Temperatures and precipitation for the month were below normal. Temperatures averaged under 30 degrees, 8 degrees below normal. Average precipitation levels for the month ranged from a low of 2.7 inches in Middle and East Tennessee to slightly over 3 inches in the West. Normally, 5 inches of rainfall occur during January.

FEBRUARY—Temperatures averaged in the mid 30's, 4 degrees below normal. Precipitation shortages continued in most areas of the State with the most pronounced deficit in Middle Tennessee. Rainfall ranged from a near normal 4.5 inches in East Tennessee to 3.4 inches or 1 inch below normal in West Tennessee.

MARCH—Temperatures rebounded during March to 3 degrees above normal. Rainfall continued considerably below normal but caused some delays in fieldwork due to its frequent nature. With the onset of warmer temperatures, small grains came out of dormancy in good condition and pastures "greened up" early. However, by the end of March it became evident that the harsh winter had destroyed the peach crop.

APRIL—April weather was characterized by widespread frequent but light thundershowers and slightly above normal temperatures. A mid month freeze also occurred which inflicted damage to the apple crop. Precipitation amounts remained well below normal. By the end of April, rainfall accumulation for the year was only half the normal amount. Fieldwork preparations and planting progress were steady and ahead of schedule by about two weeks.

MAY—A welcome return to normal precipitation in West Tennessee and timely rainfall in most other areas led to exceptional planting and growing conditions. Portions of East and Middle Tennessee were dry. Temperatures returned to normal. Hay harvest began on schedule.

JUNE—Rainfall was plentiful in most areas of Tennessee resulting in excellent early crop development. Monthly average rainfall ranged from a seasonal 4 inches on the Cumberland Plateau to slightly over 5 inches in West Tennessee. Overall, the State was 0.7 inches above normal for the month. Unseasonably warm temperatures the first half of June fostered a quick ripening of the wheat crop. Temperatures later in the month returned to normal. Wheat harvest and other fieldwork proceeded on schedule.

JULY—Temperatures were near normal with slightly above normal precipitation. Crop development remained ahead of normal by 10 to 14 days and crops were in good condition.

AUGUST—Moderate temperatures and a change in the precipitation pattern to frequent, moderate to heavy showers, especially in previously dry areas, bolstered crop prospects. Monthly precipitation averaged 2.2 inches above normal.

SEPTEMBER—Rainfall amounts dipped below normal but were adequate to keep crops in good to excellent condition. Precipitation ranged from 0.95 inches in East Tennessee to 3.73 inches in West Tennessee.

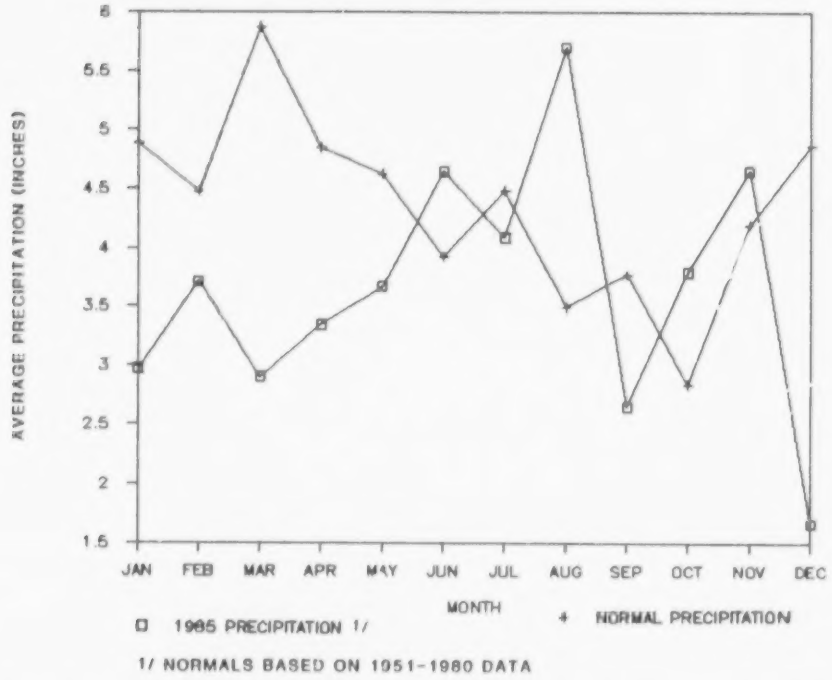
OCTOBER—Generous rainfall the last two weeks of the month, particularly in West Tennessee, exceeded the normal for October by about an inch. However, dry weather earlier in the month provided excellent drying conditions for the fast maturing row crops. Harvest of all major crops began on schedule and by month's end was about three weeks ahead of the previous year's weather delayed pace.

NOVEMBER—Temperatures during November began well below normal but promptly switched to unseasonably warm for the remainder of the month. These warm temperatures along with southerly winds provided excellent crop drying and harvest conditions and also aided late cotton crop development. Some harvest delays occurred because of intermittent rainfall, but for the most part soils remained firm enough for harvest and small grain seeding. The warm moist weather was also beneficial for preparing tobacco for markets.

DECEMBER—Precipitation amounts were very short and averaged 3.2 inches below normal. Middle and East Tennessee received only 1.5 inches of rainfall compared to 4.5 to 5.0 inches normally. Cotton and soybean harvest was completed without major weather delays. Temperatures were 6 degrees below normal.

AVERAGE TEMPERATURE BY MONTHS, 1985

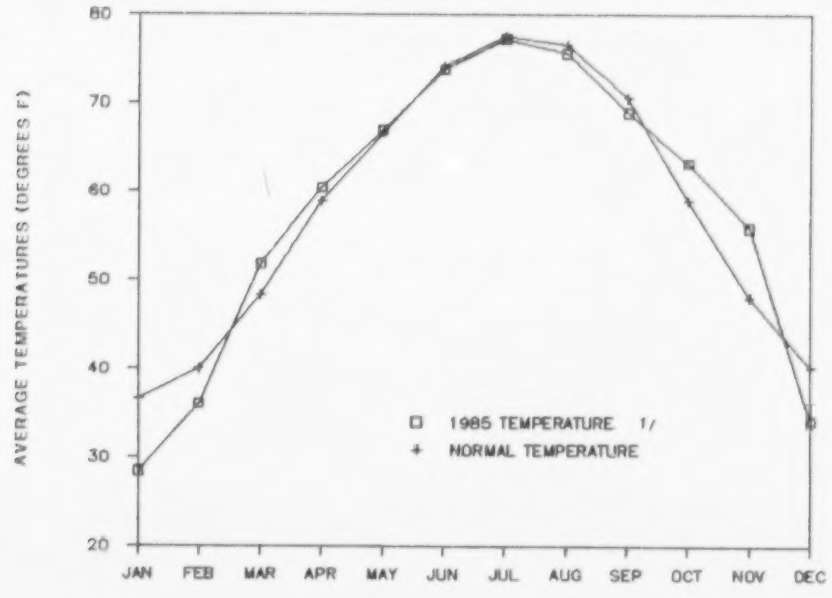
TENNESSEE



1/ NORMALS BASED ON 1951-1980 DATA

AVERAGE PRECIPITATION BY MONTHS, 1985

TENNESSEE



1/ NORMALS BASED ON 1951-1980 DATA

PROBABILITY OF LAST SPRING FREEZE BY LOCATION[1]

(32 DEGREES F)

Location	PROBABILITY OF 90%	50%	25%
District 1			
Covington	March 15	March 31	April 8
Memphis	March 10	March 25	April 2
Newbern	Feb. 23	April 10	May 5
Samburg	March 14	April 9	April 22
District 2			
Bolivar	March 19	April 11	April 23
Brownsville	March 5	April 15	May 6
Jackson	March 22	April 6	April 14
Martin	March 16	April 10	April 23
Milan	March 13	April 6	April 19
Paris	March 21	April 9	April 19
District 3			
Clarksville	March 16	April 18	May 5
Dickson	March 6	April 5	April 21
Dover	April 2	April 20	April 29
Savannah	March 21	April 17	May 1
Springfield	March 16	April 13	April 27
Waynesboro	April 8	April 25	May 4
District 4			
Ashwood	March 28	April 10	April 17
Carthage	Feb. 28	April 8	April 28
Dale Hollow Dam	March 11	April 18	May 9
Lewisburg	March 24	April 24	May 10
Lynnville	March 29	April 20	May 1
Murfreesboro	March 15	April 12	April 26
Nashville	March 24	April 5	April 11
Palmetto	March 17	April 28	May 20
District 5			
Allardt	April 6	May 6	May 21
Crossville	April 3	April 27	May 10
Monteagle	March 21	April 17	May 2
Tullahoma	March 20	April 13	April 26
District 6			
Chattanooga	March 23	April 5	April 11
Copperhill	March 31	April 18	April 27
Gatlinburg	April 14	May 15	May 31
Kingsport	March 24	April 28	May 17
Knoxville	March 18	April 2	April 10
Loudon	March 19	April 17	May 3
Newport	March 11	April 14	May 2
Oak Ridge	March 7	April 7	April 23
Rogersville	March 25	May 1	May 2

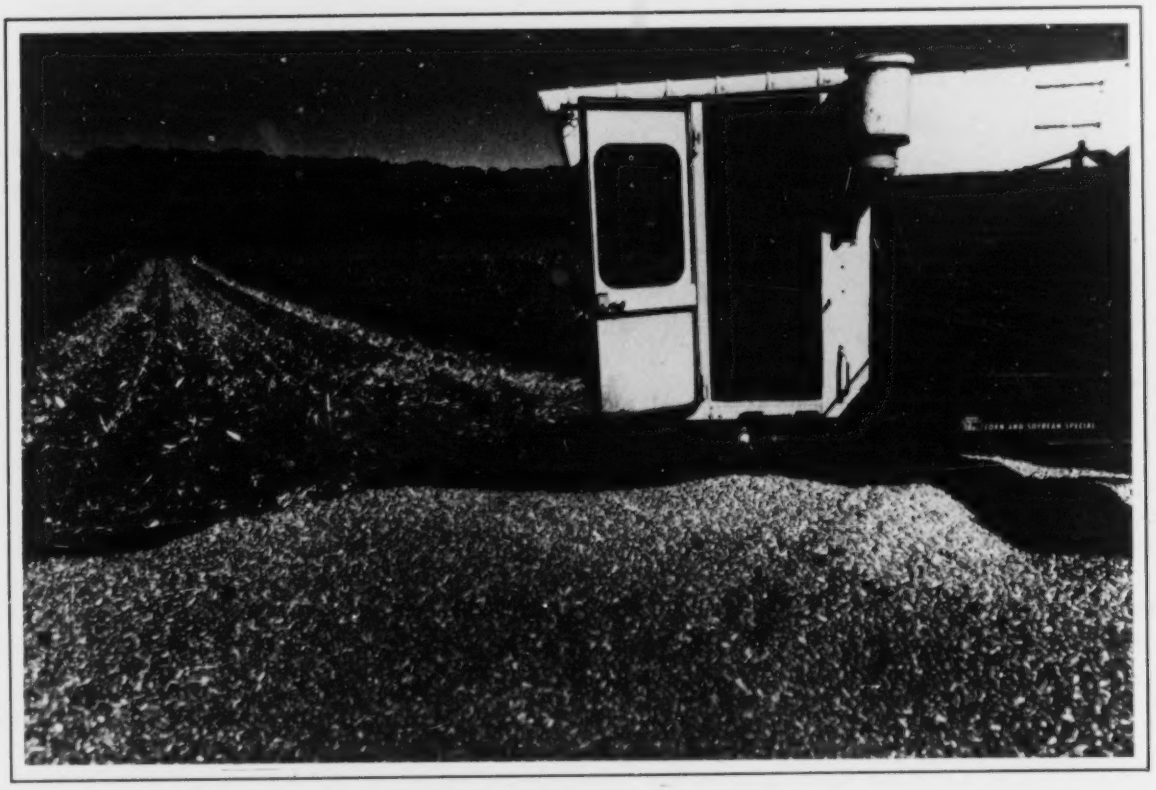
[1]For example, in Covington a 90 percent chance remains for a spring freeze by March 15. Chance of a freeze at this same location decreases to 50 percent by March 31 and to 25 percent by April 8.

PROBABILITY OF FIRST FALL FREEZE BY LOCATION[1]

(32 DEGREES F)

Location	PROBABILITY OF 50%	25%	10%
District 1			
Covington	Oct. 26	Nov. 12	Nov. 26
Memphis	Nov. 6	Nov. 13	Nov. 19
Newbern	Oct. 13	Nov. 6	Nov. 28
Samburg	Oct. 15	Nov. 6	Nov. 25
District 2			
Bolivar	Oct. 11	Oct. 31	Nov. 18
Brownsville	Oct. 8	Nov. 5	Nov. 30
Jackson	Oct. 24	Oct. 31	Nov. 7
Martin	Oct. 15	Nov. 7	Nov. 28
Milan	Oct. 17	Nov. 7	Nov. 26
Paris	Oct. 25	Nov. 1	Nov. 7
District 3			
Clarksville	Oct. 2	Oct. 30	Nov. 24
Dickson	Oct. 24	Oct. 31	Nov. 6
Dover	Oct. 14	Oct. 21	Oct. 27
Savannah	Oct. 20	Nov. 10	Nov. 29
Springfield	Oct. 11	Nov. 5	Nov. 28
Waynesboro	Oct. 11	Oct. 18	Oct. 25
District 4			
Ashwood	Oct. 20	Oct. 31	Nov. 9
Carthage	Oct. 22	Nov. 13	Dec. 2
Dale Hollow Dam	Oct. 16	Nov. 2	Nov. 17
Lewisburg	Oct. 4	Oct. 30	Nov. 22
Lynnville	Oct. 12	Oct. 21	Nov. 3
Murfreesboro	Oct. 13	Nov. 4	Nov. 25
Nashville	Oct. 29	Nov. 5	Nov. 10
Palmetto	Oct. 5	Oct. 31	Nov. 22
District 5			
Allardt	Sept. 19	Oct. 15	Nov. 8
Crossville	Oct. 8	Oct. 27	Nov. 13
Monteagle	Oct. 28	Nov. 8	Nov. 18
Tullahoma	Oct. 20	Nov. 1	Nov. 11
District 6			
Chattanooga	Oct. 30	Nov. 5	Nov. 9
Copperhill	Oct. 14	Oct. 31	Nov. 15
Gatlinburg	Sept. 11	Oct. 13	Nov. 12
Kingsport	Sept. 27	Oct. 26	Nov. 21
Knoxville	Oct. 31	Nov. 12	Nov. 24
Loudon	Oct. 22	Nov. 14	Dec. 5
Newport	Oct. 20	Nov. 13	Dec. 4
Oak Ridge	Oct. 31	Nov. 6	Nov. 11
Rogersville	Oct. 14	Nov. 2	Nov. 19

[1]Extracted from U.S. Department of Commerce, Environmental Sciences Services Administration, National Oceanic and Atmospheric Administration, Asheville, N.C., Climatological Data—Tennessee.



CROP SUMMARY: FIELD CROPS, TENNESSEE, 1984-85

Crop	1985 Acres Harvested	1985 Yield Per Acre	1985 Unit	1985 Production Total	1985 Production Value	1984 Acres Harvested	1984 Yield Per Acre	1984 Unit	1984 Production Total	1984 Production Value
	1,000			1,000	1,000 $	1,000			1,000	1,000 $
Field Crops										
Cotton	335.0	600	lbs.	419[1]	106,996	325.0	498	lbs.	337[1]	90,909
Corn for Grain	810	98.0	bu.	79,380	194,481	690	95.0	bu.	65,550	190,095
Corn for Silage	125	16.0	tons	2,000	—	135	17.0	tons	2,295	—
Soybeans	1,460	31.0	bu.	45,260	233,089	1,850	26.0	bu.	48,100	285,714
Wheat	250	32.0	bu.	8,000	24,000	535	40.0	bu.	21,400	70,620
Tobacco, All	61.71	2,065	lbs.	127,403	200,189	74.99	2,062	lbs.	154,646	277,133
Type 22	10.80	2,210	lbs.	23,868	36,327	11.80	2,210	lbs.	26,078	40,160
Type 23	.81	2,180	lbs.	1,766	2,561	.89	2,205	lbs.	1,962	3,208
Type 31	49.00	2,030	lbs.	99,470	158,257	61.00	2,030	lbs.	123,830	230,076
Type 35	1.10	2,090	lbs.	2,299	3,044	1.30	2,135	lbs.	2,776	3,689
Oats	[2]					5	47.0	bu.	235	564
Sorghum for Grain	465	80.0	bu.	37,200	78,120	260	80.0	bu.	20,800	46,800
Hay, All	1,620	1.95	tons	3,156	164,112	1,500	1.79	tons	2,678	139,256
Alfalfa Hay	120	3.80	tons	456	—	150	3.00	tons	450	—
All Other Hay	1,500	1.80	tons	2,700	—	1,350	1.65	tons	2,228	—
Sweet Potatoes	1.1	150	cwt.	165	1,914	1.0	95	cwt.	95	1,320
Irish Potatoes	2.5	150	cwt.	375	2,850	3.0	90	cwt.	270	2,538

[1]Cotton production in 480-lb. net weight bales.
[2]Discontinued.

Crop Summary

USUAL PLANTING AND HARVESTING DATES

Crop	1985 Harvested Acreage (000)	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Crop Reporting Districts*
			Begin	Most Active	End	
Corn:						
Grain	810	Apr. 10-June 10	Sept. 10	Oct. 1-Nov. 5	Dec. 5	Statewide
Silage	125	Apr. 10-June 10	Aug. 1	Aug. 20-Sept. 20	Oct. 20	Statewide
Cotton	335	Apr. 20-June 1	Sept. 20	Oct. 5-Nov. 1	Dec. 1	1, 2, 3, 4, 5
Hay	1,500		May 1		Oct. 1	Statewide
Sorghum:						
Grain	465	May 15-July 10	Sept. 10	Oct. 1-Nov. 1	Dec. 1	Statewide
Silage	6	May 1-July 15	Aug. 20	Sept. 1-Sept. 30	Oct. 15	Statewide
Soybeans	1,460	May 5-July 5	Oct. 5	Oct. 20-Nov. 15	Dec. 10	Statewide
Tobacco:						
Type 22	10.8	May 10-June 20	Aug. 10	Aug. 25-Sept. 15	Oct. 1	3, 4
Type 23	.81	May 10-June 20	Aug. 10	Aug. 25-Sept. 15	Oct. 1	Obion, Henry, Weakley
Type 31	49.0	May 10-June 20	Aug. 10	Aug. 20-Sept. 15	Oct. 1	3, 4, 5, 6
Type 35	1.1	May 10-June 20	Aug. 10	Aug. 20-Sept. 15	Oct. 1	2, 3, 4
Wheat, Winter	250	Sept.15-Nov. 30	June 10	June 15-July 5	July 15	Statewide
Vegetable Crops:						
Processing						
Snap Beans	5.0	May 1-July 31	June 25	July 1-Sept. 30	Oct. 5	Cumberland Plateau
Fresh Market						
Tomatoes	4.5	Apr. 20-May 25	June 25	July 1-Aug. 31	Oct. 15	1, 5, 6

*See inside front cover.

STATES RANKING AND PRODUCTION OF FIELD CROPS 1985

Soybeans

Rank	State	Production (1,000 Bushels)
1	Illinois	382,500
2	Iowa	309,700
3	Indiana	185,090
4	Missouri	180,435
5	Ohio	160,605
6	Minnesota	160,000
7	Arkansas	98,050
8	Nebraska	84,960
9	Mississippi	70,740
10	**Tennessee**	**45,260**
11	Louisiana	44,100
12	Kansas	43,710
13	Kentucky	41,820
14	South Dakota	40,640
15	North Carolina	39,100
16	Georgia	37,200
17	Michigan	34,560
18	Alabama	27,810
19	South Carolina	24,600
20	Virginia	17,375
21	Maryland	12,800
22	North Dakota	12,740
23	Wisconsin	9,600
24	Texas	7,250
25	Delaware	7,200
26	Florida	5,980
27	Pennsylvania	5,950
28	New Jersey	4,386
29	Oklahoma	4,370
	U.S.	2,098,531

Tobacco

	State	Production (1,000 Pounds)
1	North Carolina	556,522
2	Kentucky	428,409
3	**Tennessee**	**127,403**
4	South Carolina	98,900
5	Virginia	91,092
6	Georgia	82,080
7	Maryland	28,350
8	Pennsylvania	21,900
9	Wisconsin	17,560
10	Ohio	16,946
11	Florida	16,318
12	Indiana	14,560
13	Missouri	5,450
14	West Virginia	3,384
15	Connecticut	3,315
16	Massachusetts	781
	U.S.	1,512,970

Winter Wheat

	State	Production (1,000) Bushels
1	Kansas	433,200
2	Texas	187,200
3	Oklahoma	165,000
4	Colorado	134,550
5	Washington	115,200
6	Nebraska	89,700
7	California	61,500
8	Ohio	58,900
9	Oregon	51,840
10	Missouri	49,920
11	Idaho	46,110
12	Michigan	45,000
13	South Dakota	44,080
14	Indiana	37,100
15	Illinois	36,750
16	Georgia	25,575
17	Montana	22,400
18	North Carolina	22,040
19	New Mexico	20,520
20	Arkansas	18,240
21	North Dakota	15,750
22	Alabama	12,800
23	South Carolina	12,470
24	Virginia	10,545
25	Kentucky	10,540
26	Minnesota	10,360
27	Pennsylvania	10,080
28	Mississippi	9,300
29	New York	8,410
30	**Tennessee**	**8,000**
31	Wisconsin	7,700
32	Louisiana	7,140
33	Utah	7,040
34	Maryland	6,517
35	Arizona	5,940
36	Iowa	5,376
37	Wyoming	5,060
38	Florida	4,290
39	Delaware	2,064
40	New Jersey	1,924
41	Nevada	720
42	West Virginia	344
	U.S.	1,827,195

STATES RANKING AND PRODUCTION OF FIELD CROPS 1985

Corn for Grain

Rank	State	Production (1,000 Bushels)
1	Iowa	1,707,300
2	Illinois	1,534,950
3	Nebraska	953,600
4	Indiana	756,450
5	Minnesota	724,500
6	Ohio	511,810
7	Wisconsin	358,450
8	Michigan	286,650
9	Missouri	272,800
10	South Dakota	252,000
11	Kentucky	159,120
12	Texas	156,450
13	Pennsylvania	151,800
14	Kansas	140,400
15	North Carolina	128,375
16	Colorado	103,555
17	Georgia	81,900
18	**Tennessee**	**79,380**
19	Maryland	70,400
20	New York	68,400
21	Virginia	54,450
22	California	46,400
23	South Carolina	45,760
24	North Dakota	40,320
25	Alabama	24,375
26	Louisiana	23,370
27	Washington	21,600
28	Delaware	19,075
29	New Jersey	12,540
30	Florida	12,350
31	New Mexico	10,075
32	Idaho	10,000
33	Arkansas	7,884
34	Mississippi	7,820
35	West Virginia	7,665
36	Oregon	6,600
37	Oklahoma	6,148
38	Wyoming	5,194
39	Arizona	2,205
40	Utah	1,840
41	Montana	1,045
	U.S.	8,865,006

Cotton

Rank	State	Production (1,000 Bales[1])
1	Texas	3,945.1
2	California	3,114.0
3	Mississippi	1,655.0
4	Arizona	1,036.7
5	Louisiana	742.0
6	Arkansas	703.0
7	Alabama	545.0
8	**Tennessee**	**419.0**
9	Georgia	370.0
10	Oklahoma	285.0
11	Missouri	204.0
12	South Carolina	180.0
13	North Carolina	117.0
14	New Mexico	82.3
15	Florida	32.5
16	Virginia	1.2
17	Kansas	0.4
	U.S.	13,432.2

Sorghum for Grain

Rank	State	Production (1,000 Bushels)
1	Kansas	289,800
2	Texas	241,900
3	Nebraska	153,600
4	Missouri	117,030
5	Arkansas	66,240
6	Mississippi	39,680
7	**Tennessee**	**37,200**
8	Illinois	36,190
9	Louisiana	27,880
10	Oklahoma	22,500
11	South Dakota	15,000
12	New Mexico	13,920
13	Alabama	12,650
14	Kentucky	11,440
15	Colorado	11,200
16	Georgia	6,624
17	North Carolina	3,224
18	California	2,988
19	South Carolina	2,209
20	Arizona	1,296
	U.S.	1,112,571

[1]Production is in 480 pound net weight bales.

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS 1985

Rank	Soybeans	All Tobacco	Wheat	Corn	Cotton	Sorghum
1	Dyer	Robertson	Dyer	Obion	Crockett	Dyer
2	Lauderdale	Greene	Franklin	Weakley	Haywood	Gibson
3	Obion	Montgomery	Obion*	Henry	Fayette	Obion
4	Tipton	Sumner	Robertson*	Gibson	Madison	Lauderdale
5	Gibson	Hawkins	Gibson*	Carroll	Tipton	Weakley
6	Lake	Claiborne	Weakley	Robertson	Gibson	Fayette*
7	Shelby	Washington	Lincoln	Lawrence	Shelby	Tipton*
8	Fayette	Macon	Lauderdale	Henderson	Hardeman	Lake
9	Haywood	Smith	Carroll	Coffee	Lauderdale	Hardin
10	Weakley	Maury	Lake*	Dyer	Dyer	Carroll
11	Robertson	Cocke	Henry*	Giles	Carroll	Hardeman
12	Madison	Cheatham	Rutherford	Franklin	McNairy	Shelby
13	Hardeman	Sullivan	Fayette*	Warren	Franklin	Haywood
14	Henry	Grainger	Coffee*	Montgomery	Lincoln	Henderson
15	Carroll	Dickson	Shelby	Rutherford	Chester	Madison
16	Hardin	Jefferson	Montgomery	Lincoln	Henderson	McNairy
17	Henderson	Sevier	Tipton	Benton	Rutherford	Chester
18	Franklin	Williamson	Marshall	Humphreys	Obion	Benton
19	Lincoln	Johnson	Warren	Hardin	Weakley	Rutherford
20	Crockett	Stewart	Williamson	Chester	Lake	Lawrence
21	Montgomery	Hancock	Sumner	McNairy	Giles	Henry
22	McNairy	Wilson	Maury	Fentress	Lawrence	Crockett
23	Coffee	Hamblen	Bedford	Cannon	Hardin	Decatur
24	Lawrence	Carter	Haywood	Sumner		Warren
25	Maury*	Jackson	McNairy*	Greene		Bedford
26	Sumner*	Trousdale	Wayne*	Madison		Lincoln
27	Rutherford*	Putnam	Giles	White		Maury
28	Bedford*	Monroe	Monroe*	Bedford		Wayne
29	Warren	Union	Madison*	Fayette		Giles
30	Chester*	Henry	Wilson	Marshall*		Coffee
31	Williamson*	DeKalb	Hardeman*	Macon		Montgomery*
32	Giles	White	Lawrence*	Haywood		Robertson*
33	Marion	McMinn	Chester*	Decatur		Williamson
34	Benton	Blount	Crockett*	Hardeman		Dekalb
35	Dekalb	Lincoln	Blount*	Hickman		Marion
36	Cannon*	Clay	Bledsoe*	Lake		Marshall
37	Decatur*	Knox	Henderson	Perry		Hickman
38	Wayne	Loudon	McMinn	Wayne*		Franklin
39	Macon	Unicoi	White	Lauderdale*		Perry
40	Humphreys	Marshall	Macon	Williamson		Humphreys
41	Davidson	Campbell	Jefferson	Blount		White*
42	Monroe*	Pickett	Meigs	DeKalb		Lewis*
43	Marshall*	Giles	Loudon	Maury		Polk
44	Perry	Overton	Hardin*	Bledsoe		McMinn
45	Blount*	Moore	Marion*	Overton		Dickson
46	Hickman*	Bedford	Hickman*	Smith*		Cheatham
47	Fentress*	Cannon	Rhea*	Dickson		Cannon
48	Stewart*	Roane	Cumberland*	Cumberland*		
49	Cheatham	Meigs	DeKalb	Clay*		
50	White	Warren	Decatur	Wilson		

*Tied

TENNESSEE COUNTIES RANKED BY PRODUCTION OF FIELD CROPS 1985

51	Bledsoe	Lawrence	Bradley	Marion
52	Dickson	Anderson	Polk*	Hawkins
53	Cumberland	Weakley	Benton	Putnam
54	McMinn*	Cumberland	Greene	Washington
55	Wilson*	Fentress	Clay	McMinn*
56	Grundy*	Hickman	Sequatchie	Cheatham
57	Sequatchie	Franklin	Grundy*	Cocke*
58	Rhea	Bradley	Cannon	Grundy*
59	Clay	Rutherford	Hamilton*	Loudon
60	Meigs	Davidson	Sevier	Rhea
61	Putnam*	Houston	Cheatham	Sullivan
62	Overton*	Morgan	Dickson*	Stewart*
63	Lewis*	Lewis	Hamblen*	Jefferson*
64	Houston*	Rhea	Hawkins	Jackson*
65	Loudon	Van Buren	Knox	Lewis*
66	Polk	Coffee	Overton	Sevier
67	Knox	Polk	Perry*	Shelby*
68	Smith*	Humphreys	Davidson*	Morgan*
69	Morgan	Scott	Fentress	Monroe
70	Jackson	Hamilton	Trousdale*	Scott
71	Jefferson	Grundy	Putnam	Hamblen
72	Bradley		Washington	Houston
73	Hamblen			Meigs*
74	Greene			Sequatchie*
75	Cocke			Crockett*
76	Hamilton			Polk*
77	Van Buren			Claiborne*
78	Hawkins			Knox
79	Sevier			Grainger*
80				Johnson*
81				Davidson*
82				Bradley*
83				Hancock
84				Moore
85				Tipton*
86				Pickett*
87				Van Buren
88				Trousdale
89				Roane
90				Campbell
91				Hamilton
92				Carter
93				Union

*Tied

1986 TILLAGE SYSTEMS

The use of no-till and other conservation tillage systems in Tennessee declined sharply this year. A very early spring, lower fuel prices and slightly higher chemical prices encouraged producers to work up the ground more than in recent history. This year, Tennessee farmers used no-till practices on 11.0 percent of the total acreage devoted to corn, soybeans and sorghum compared with 13.1 percent in 1985 and 19.7 percent in 1984. Other conservation tillage practices were used on 9.7 percent of the acreage of these same crops compared with 12.0 percent in 1985 and 12.3 percent in 1984.

Total double cropped acreage in Tennessee increased in 1986. The most common double crop combination, soybeans following wheat, increased 22 percent from a year earlier. In sharp contrast to the 1985 crop year, wheat and soybean growers experienced good planting and harvesting conditions. The acreage of corn and sorghum following another crop was down by 33 percent which partially offset the increase in doubled cropped wheat land. However, double crop acreage as a percent of the total acreage planted to corn, soybeans, and grain sorghum increased to 14.0 percent compared with 10.1 percent in 1985 but less than the 18.1 percent in 1984.

TYPE OF TILLAGE SYSTEM USED

Crop	Year	Total Acres Planted	No-Till[2] Acres	No-Till[2] % of Total	Other Conservation Tillage[3] Acres	Other Conservation Tillage[3] % of Total	Conventional Till[4] Acres	Conventional Till[4] % of Total	Double Cropped[5] Acres	Double Cropped[5] % of Total
Corn	1986	910,000	100,000	11.0	110,000	21.1	700,000	76.9	40,000	4.4
	1985[1]	950,000	120,000	12.6	160,000	16.9	670,000	70.5	60,000	6.3
	1984	850,000	191,000	22.5	126,000	14.8	533,000	62.7	52,000	6.1
	1983	650,000	90,000	13.8	130,000	20.0	430,000	66.2	40,000	6.2
Soybeans	1986	1,550,000	180,000	11.6	130,000	8.4	1,240,000	80.0	280,000	18.1
	1985[1]	1,500,000	240,000	16.0	140,000	9.3	1,120,000	74.7	230,000	15.3
	1984	1,900,000	370,000	19.5	210,000	11.0	1,320,000	69.5	490,000	25.8
	1983	2,020,000	330,000	16.3	360,000	17.8	1,330,000	65.9	570,000	28.2
Sorghum	1986	180,000	10,000	5.5	25,000	13.9	145,000	80.6	10,000	5.5
	1985	480,000	25,000	5.2	50,000	10.4	405,000	84.4	15,000	3.1
	1984	280,000	36,500	13.0	35,200	12.6	208,300	74.4	18,700	6.7
	1983	110,000	9,400	8.6	24,900	22.6	75,700	68.8	8,800	8.0
TOTAL	1986	2,640,000	290,000	11.0	255,000	9.7	2,095,000	79.3	330,000	12.5
	1985[1]	2,930,000	385,000	13.1	350,000	12.0	2,195,000	74.9	305,000	10.4
	1984	3,030,000	597,500	19.7	371,200	12.3	2,061,300	68.0	560,700	18.5
	1983	2,780,000	429,400	15.5	514,900	18.5	1,835,700	66.0	618,800	22.3

[1]Revised.

[2]No-Till—A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of previous crop or the planting of a crop into sod, previous crop stubble or a cover where only the intermediate seed zone is disturbed.

[3]Other Conservation Tillage—Tillage practices prior to planting result in a minimum of 30 percent ground cover of residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge-till, strip-till, and mulch till.

[4]Conventional Till—Systems where 100% of the surface layer is mixed or inverted by plowing, power tiller, or multiple disking.

[5]Double Cropped—Two crops harvested from the same field during one calendar year. Example: Include small grain harvest Spring 1986, followed by soybeans, corn or sorghum in 1985.

Tillage Systems

SOYBEAN DISTRICT ESTIMATES BY TILLAGE PRACTICE

Year	District	Total Acres Planted	No-Till Acres	No-Till % of Total	Other Conservation Till Acres	Other Conservation Till % of Total	Conventional Till Acres	Conventional Till % of Total
1986[1]	1	600,000	30,000	5.0	37,000	6.2	533,000	88.8
	2	560,000	65,000	11.6	42,000	7.5	453,000	80.9
	3	120,000	38,000	31.7	13,000	10.8	69,000	57.5
	4	145,000	25,000	17.2	32,000	22.1	88,000	60.7
	5	92,000	17,000	18.5	4,000	4.3	71,000	77.2
	6	33,000	5,000	15.1	2,000	6.1	26,000	78.8
State		1,550,000	180,000	11.6	130,000	8.4	1,240,000	80.0
1985[2]	1	580,000	45,000	7.8	40,000	6.9	495,000	85.3
	2	545,000	95,000	17.4	45,000	8.3	405,000	74.3
	3	115,000	45,000	39.1	14,000	12.2	56,000	48.7
	4	145,000	30,000	20.7	35,000	24.1	80,000	55.2
	5	85,000	20,000	23.5	4,000	4.7	61,000	71.8
	6	30,000	5,000	16.7	2,000	6.7	23,000	76.6
State		1,500,000	240,000	16.0	140,000	9.3	1,120,000	74.7

CORN DISTRICT ESTIMATES BY TILLAGE PRACTICE

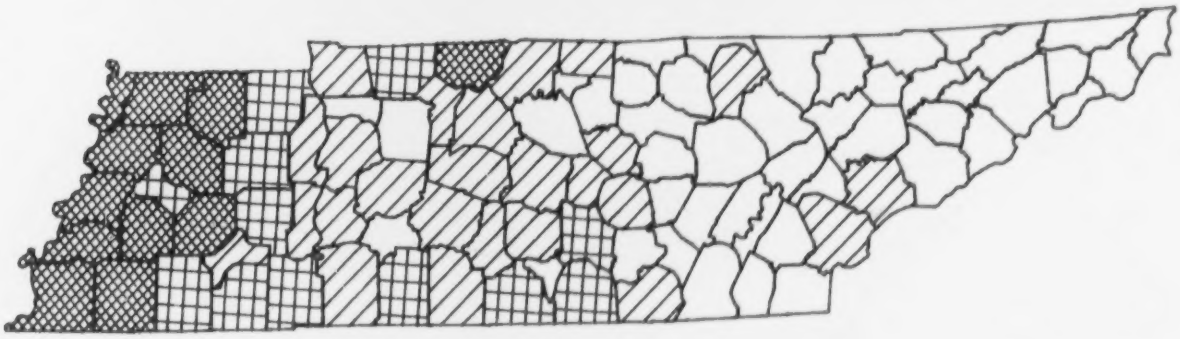
Year	District	Total Acres Planted	No-Till Acres	No-Till % of Total	Other Conservation Till Acres	Other Conservation Till % of Total	Conventional Till Acres	Conventional Till % of Total
1986[1]	1	95,000	4,500	4.7	5,500	5.8	85,000	89.5
	2	315,000	25,000	7.9	54,000	17.2	236,000	74.9
	3	130,000	17,000	13.1	7,000	5.4	106,000	81.5
	4	155,000	19,000	12.3	18,000	11.6	118,000	76.1
	5	110,000	14,000	12.7	10,000	9.1	86,000	78.2
	6	105,000	20,500	19.5	15,500	14.8	69,000	65.7
State		910,000	100,000	11.0	110,000	12.1	700,000	76.9
1985[2]	1	90,000	5,000	5.6	8,000	8.9	77,000	85.5
	2	302,600	27,600	9.1	70,000	23.1	205,000	67.8
	3	127,400	18,400	14.4	10,000	7.8	99,000	77.8
	4	170,000	23,000	13.5	27,000	15.9	120,000	70.6
	5	130,000	18,000	13.8	23,000	17.7	89,000	68.5
	6	130,000	28,000	21.5	22,000	16.9	80,000	61.6
State		950,000	120,000	12.6	160,000	16.9	670,000	70.5

SORGHUM DISTRICT ESTIMATES BY TILLAGE PRACTICE

Year	District	Total Acres Planted	No-Till Acres	No-Till % of Total	Other Conservation Till Acres	Other Conservation Till % of Total	Conventional Till Acres	Conventional Till % of Total
1986[1]	1	50,000	1,000	2.0	8,000	16.0	41,000	82.0
	2	85,000	4,300	5.0	5,500	6.5	75,200	88.5
	3	12,000	1,000	8.3	2,500	20.9	8,500	70.8
	4	20,000	2,200	11.0	5,000	25.0	12,800	64.0
	5	9,000	1,000	11.1	3,500	38.9	4,500	50.0
	6	4,000	500	12.5	500	12.5	3,000	75.0
State		180,000	10,000	5.5	25,000	13.9	145,000	80.6
1985	1	180,000	5,000	2.8	20,000	11.1	155,000	86.1
	2	237,500	13,000	5.5	14,500	6.1	210,000	88.4
	3	17,500	1,500	8.6	3,000	17.1	13,000	74.3
	4	28,000	3,000	10.7	7,000	25.0	18,000	64.3
	5	12,000	2,000	16.7	5,000	41.6	5,000	41.7
	6	5,000	500	10.0	500	10.0	4,000	80.0
State		480,000	25,000	5.2	50,000	10.4	405,000	84.4

[1]Preliminary
[2]Revised

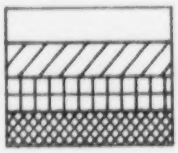
SOYBEANS: 1985 PRODUCTION



TOP FIVE COUNTIES

1.	DYER	4,450,000 bu.
2.	LAUDERDALE	3,660,000 bu.
3.	OBION	3,400,000 bu.
4.	TIPTON	2,580,000 bu.
5.	GIBSON	2,400,000 bu.

BUSHELS



UNDER 20,000
20,000-149,999
150,000-299,999
300,000 AND OVER

Very good summer growing conditions and near ideal harvest weather contributed to an excellent soybean crop in 1985. Timely rainfall boosted yields especially in Middle and East Tennessee to record levels. Despite record high soybean yields, total soybean production was down due to a substantial acreage reduction. From early April field preparations through planting, development and harvest, the 1986 soybean crop progressed at a pace about a week ahead of normal.

Tennessee's State average yield was a record 31 bushels per acre. This yield was 4 bushels better than the previous record 1979 yield of 27 bushels per acre. Acreage planted, at 1.5 million acres, was the lowest since 1972. The acreage harvested was 1.46 million acres, down from the 1.85 harvested in 1984. Total soybean production, at 45.3 million bushels, dropped 6 percent from 1985.

SOYBEANS: ACREAGE, YIELD, PRODUCTION AND VALUE, TENNESSEE, 1978-85

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
	1,000		Bu.	1,000 Bu.	Dollars	1,000 Dol.
1978	2,530	2,420	23.5	56,870	6.73	382,735
1979	2,700	2,620	27.0	70,740	6.35	449,199
1980	2,650	2,550	18.0	45,900	7.88	361,692
1981	2,450	2,350	25.0	58,750	6.06	356,025
1982	2,400	2,300	26.5	60,950	5.57	339,492
1983	2,020	1,970	16.0	31,520	7.96	250,899
1984	1,900	1,850	26.0	48,100	5.94	285,714
1985	1,500	1,460	31.0	45,260	5.15	233,089

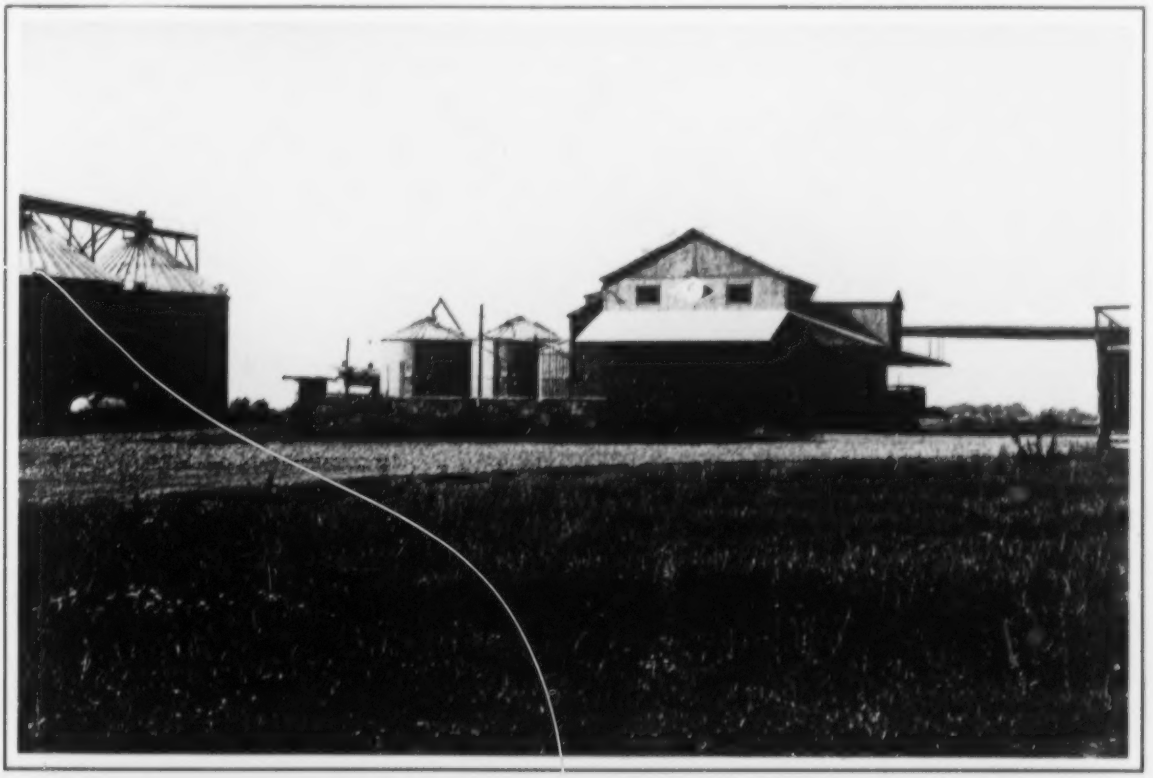
MEASURED ROW SPACING OF SOYBEANS: PERCENTAGE DISTRIBUTION AND AVERAGE WIDTH, TENNESSEE, 1979-85[1]

Year	Number of Samples	Row Width Groups (Inches)					Average Width[2] (Inches)
		10.0 & Less[2]	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		Percent of Plots					
1979	82	10.4	6.7	8.5	14.0	60.4	33.0
1980	82	16.5	5.5	9.1	12.8	56.1	31.9
1981	79	18.4	10.1	11.4	10.8	49.3	30.0
1982	75	26.0	6.0	14.0	12.7	41.3	28.3
1983	83	21.7	12.7	7.2	27.1	31.3	28.6
1984	85	10.0	6.5	15.9	13.5	54.1	31.8
1985	85	15.3	6.5	8.8	21.8	47.6	31.6

[1]Based on row measurements in plots selected for objective yield samples.
[2]Broadcast soybeans included as 10.0 inches and less but excluded in computation of average width.

Row Width and Varieties

Unofficial estimates based on 85 sample plots show that the average row width of soybeans in Tennessee was 31.6 inches in 1985, below 0.2 inches from the previous year. The most popular row width continued to be 34.6 inches and greater, with 48 percent of the sample plots in that range. Five years ago 56 percent of the samples fell in this category. The three leading soybean varieties by percent of acreage harvested were: Asgrow, 51.1 percent; Essex, 17.6 percent, and Bay with 7.7 percent.



SOYBEANS: Acreage, Yield, and Production—By Counties for 1980, 1981, and 1982

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
	Acres								Bushels			
Dyer	227,000	216,000	208,000	222,000	208,000	204,000	19	25	26	4,289,000	5,158,000	5,336,000
Lake	79,000	79,000	85,000	77,000	77,000	83,000	23	25	30	1,805,000	1,910,000	2,505,000
Lauderdale	155,000	140,000	141,000	150,000	136,000	137,000	21	27	27	3,220,000	3,642,000	3,721,000
Obion	155,000	162,000	148,000	152,000	158,000	144,000	21	28	28	3,260,000	4,388,000	4,056,000
Shelby	119,000	118,000	90,000	115,000	115,000	88,000	19	22	25	2,242,000	2,510,000	2,214,000
Tipton	140,000	132,000	132,000	136,000	128,000	129,000	21	24	26	2,862,000	3,047,000	3,375,000
District 1	875,000	847,000	804,000	852,000	822,000	785,000	21	25	27	17,679,000	20,655,000	21,207,000
Benton	17,700	13,000	16,000	16,500	12,700	15,500	18	24	26	265,000	307,000	398,000
Carroll	70,000	58,500	60,000	68,000	56,000	58,000	14	23	24	933,000	1,293,000	1,380,000
Chester	40,000	34,500	28,000	39,000	33,400	27,000	15	23	25	603,000	771,000	669,000
Crockett	61,000	63,500	54,000	59,000	61,000	50,000	15	24	25	897,000	1,469,000	1,239,000
Decatur	8,400	8,000	12,000	8,200	7,600	11,000	18	24	25	148,000	184,000	272,000
Fayette	124,000	122,000	102,000	121,000	116,000	100,000	15	23	23	1,850,000	2,678,000	2,280,000
Gibson	177,000	177,000	156,000	173,000	173,000	149,000	18	25	25	3,030,000	4,341,000	3,691,000
Hardeman	84,000	70,500	54,000	82,000	68,500	52,000	15	22	25	1,245,000	1,513,000	1,289,000
Hardin	60,000	50,000	46,000	58,500	48,500	44,000	15	21	24	878,000	1,026,000	1,044,000
Haywood	130,000	112,000	109,000	127,000	110,000	106,000	14	23	26	1,780,000	2,540,000	2,732,000
Henderson	50,000	51,000	46,000	49,000	49,500	43,000	19	26	26	912,000	1,292,000	1,108,000
Henry	52,000	40,500	51,000	49,000	39,200	50,000	17	27	29	830,000	1,062,000	1,437,000
McNairy	63,000	48,000	48,000	60,000	46,400	47,000	15	22	22	883,000	1,025,000	1,025,000
Madison	102,000	91,500	79,000	99,000	89,000	77,000	15	24	27	1,485,000	2,144,000	2,061,000
Weakley	112,000	96,000	100,000	109,000	93,000	98,000	19	26	26	2,035,000	2,427,000	2,526,000
District 2	1,151,000	1,036,000	961,000	1,118,200	1,003,800	927,500	16	24	25	17,774,000	24,072,000	23,151,000
Cheatham	4,000	4,000	5,000	3,900	3,700	5,000	17	26	29	66,000	97,000	143,000
Dickson	1,700	1,800	3,000	1,600	1,600	3,000	15	25	27	24,400	40,000	80,000
Hickman	5,700	4,700	8,000	4,800	4,500	7,000	17	26	29	80,500	118,000	201,000
Houston	1,600	1,600	2,000	1,400	1,400	1,500	22	29	29	30,100	41,000	44,000
Humphreys	6,900	5,100	10,000	6,700	5,000	10,000	26	25	31	176,000	126,000	306,000
Lawrence	53,500	44,700	43,000	51,500	43,000	41,000	17	24	25	884,000	1,040,000	1,013,000
Lewis	4,600	4,500	2,000	4,400	4,200	2,000	15	27	28	65,000	114,000	55,000
Montgomery	29,300	22,400	29,000	27,400	22,000	28,000	22	30	32	609,000	665,000	887,000
Perry	4,900	4,000	8,000	4,700	3,800	8,000	15	24	26	72,000	92,000	206,000
Robertson	62,500	54,500	71,000	61,000	52,000	68,500	20	32	33	1,205,000	1,677,000	2,234,000
Stewart	6,500	5,500	5,000	6,200	5,200	5,000	19	27	28	116,000	141,000	138,000
Wayne	15,700	16,200	10,000	15,200	14,800	9,500	18	23	25	274,000	343,000	235,000
District 3	196,900	169,000	196,000	188,800	161,200	188,500	19	28	29	3,602,000	4,494,000	5,542,000
Bedford	22,000	18,100	24,000	21,000	17,300	21,000	15	23	26	324,000	403,000	549,000
Cannon	11,600	11,500	12,000	10,500	10,500	11,000	23	24	29	244,000	255,000	321,000
Clay	850	1,000	3,000	800	800	2,200	14	24	29	11,400	19,000	64,000
Davidson	7,900	6,400	7,000	7,600	6,000	6,300	14	29	29	109,000	176,000	184,000
DeKalb	12,200	8,800	10,000	12,000	8,500	9,000	18	28	29	215,000	241,000	262,000
Giles	19,800	19,600	18,000	16,700	17,500	17,000	17	26	28	278,000	460,000	496,000
Jackson	3,100	3,100	3,000	3,100	2,500	2,500	18	24	25	55,000	61,000	63,000
Lincoln	43,500	38,500	42,000	40,900	36,500	40,000	16	26	28	665,000	960,000	1,126,000
Macon	8,500	6,400	10,000	7,700	6,000	9,000	18	26	29	137,000	158,000	262,000
Marshall	6,200	6,000	9,000	5,600	5,500	8,000	14	24	27	76,000	134,000	217,000
Maury	27,200	19,400	29,000	26,000	18,300	27,000	17	30	24	435,000	556,000	552,000
Moore	750	400	2,000	700	400	1,000	18	25	27	12,600	10,000	27,000
Rutherford	22,600	22,700	28,000	19,500	19,800	24,000	15	26	27	295,000	521,000	652,000
Smith	2,700	3,200	3,000	2,500	2,600	2,000	21	29	31	52,000	76,000	62,000
Sumner	25,700	20,700	24,000	24,500	19,700	23,000	21	27	28	513,000	538,000	648,000
Trousdale	1,600	1,600	2,000	1,500	1,500	2,000	18	26	30	27,000	39,000	60,000
Williamson	17,100	16,000	18,000	13,800	14,000	17,000	21	33	33	285,000	467,000	564,000
Wilson	8,700	6,600	6,000	7,600	5,600	5,000	18	29	30	135,000	164,000	151,000
District 4	242,000	210,000	250,000	222,000	193,000	227,000	17	27	28	3,869,000	5,238,000	6,360,000

Soybeans

SOYBEANS: Acreage, Yield, and Production—By Counties for 1980, 1981, and 1982

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
	Acres								Bushels			
Bledsoe	5,800	5,900	6,000	5,700	5,700	5,000	14	26	27	77,000	147,000	136,000
Coffee	33,900	35,600	33,000	32,800	33,400	32,000	18	26	27	574,000	860,000	870,000
Cumberland	4,900	3,700	4,000	4,500	3,500	3,500	16	28	28	72,000	97,000	99,000
Fentress	4,400	3,800	9,000	3,900	3,600	8,800	16	25	20	64,000	89,000	177,000
Franklin	39,000	44,300	31,300	37,800	41,800	29,800	18	26	28	696,000	1,077,000	841,000
Grundy	2,800	2,400	4,000	2,500	2,200	3,600	16	25	29	39,700	54,000	105,000
Marion	10,400	10,200	12,000	10,100	9,500	11,400	22	31	29	223,000	292,000	333,000
Morgan	1,100	1,100	2,000	900	1,000	1,500	21	25	27	18,900	25,000	41,000
Overton	2,100	2,200	4,000	1,900	1,900	3,000	15	26	28	28,300	49,000	85,000
Putnam	1,900	2,000	3,000	1,600	1,800	2,500	19	28	28	30,700	50,000	71,000
Sequatchie	2,400	2,600	3,000	2,200	2,200	2,000	17	24	30	36,500	52,000	60,000
Van Buren	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Warren	22,100	23,200	22,000	21,400	21,800	21,000	16	26	25	350,000	562,000	529,000
White	4,500	4,000	5,000	4,200	3,400	4,500	18	27	28	77,500	91,000	127,000
Other Counties	700	1,000	1,000	500	700	400	17	24	28	8,400	17,000	11,000
District 5	136,000	142,000	139,000	130,000	132,500	129,000	18	26	27	2,296,000	3,462,000	3,485,000
Blount	7,700	6,800	7,000	7,000	6,200	6,300	18	26	31	126,000	159,000	195,000
Bradley	2,300	2,000	2,000	1,300	1,300	1,000	18	18	34	22,900	23,000	34,000
Cocke	750	550	2,900	600	500	2,000	26	28	40	15,300	14,000	80,000
Grainger	600	500	[1]	300	300	[1]	19	20	[1]	5,800	6,000	[1]
Greene	1,700	2,000	2,500	1,500	1,700	2,000	23	23	24	35,000	39,000	47,000
Hamblen	1,400	1,400	900	1,200	1,000	700	26	27	31	31,400	27,000	22,000
Hamilton	2,800	2,000	2,500	2,300	1,700	2,000	20	18	25	46,500	30,000	49,000
Hawkins	700	900	900	600	800	800	25	20	24	15,000	16,000	19,000
Jefferson	1,800	1,600	2,500	1,500	1,500	2,000	22	25	29	33,700	37,000	57,000
Knox	3,000	3,400	1,000	2,000	900	2,200	16	21	31	32,800	46,000	28,000
Loudon	2,600	2,100	3,000	1,700	1,700	2,700	17	24	27	28,700	40,000	73,000
McMinn	3,600	5,700	4,000	3,000	3,300	3,500	15	20	25	45,800	67,000	89,000
Meigs	4,300	3,800	2,500	3,400	3,500	2,000	12	22	25	40,700	77,000	49,000
Monroe	8,000	7,300	9,900	7,000	6,800	9,800	13	20	27	90,000	137,000	264,000
Polk	1,600	1,300	3,000	1,500	1,200	2,300	23	22	27	35,200	26,000	61,000
Rhea	3,100	2,100	4,000	2,100	1,800	3,900	13	20	28	26,600	36,000	109,000
Sevier	2,300	1,800	800	1,500	1,500	700	26	27	26	38,300	40,000	18,000
Other Counties	750	750	600	500	500	400	21	18	28	10,300	9,000	11,000
District 6	49,000	46,000	50,000	39,000	37,500	43,000	17	22	28	680,000	829,000	1,205,000
State	2,650,000	2,450,000	2,400,000	2,550,000	2,350,000	2,300,000	18	25	27	45,900,000	58,750,000	60,950,000

[1]Less than 500 acres planted for all purposes, combined with other counties.

SOYBEANS: Acreage, Yield, and Production—By Counties for 1983, 1984, and Preliminary 1985

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Dyer	173,000	172,000	134,000	172,000	168,000	133,000	18	28	34	3,102,000	4,682,000	4,450,000
Lake	72,000	68,500	60,000	71,000	68,000	59,500	17	30	38	1,210,000	2,050,000	2,250,000
Lauderdale	121,000	121,000	116,000	120,000	118,000	115,000	17	28	32	2,044,000	3,307,000	3,660,000
Obion	128,000	126,000	100,000	127,000	125,000	99,000	17	29	34	2,164,000	3,650,000	3,400,000
Shelby	90,000	83,500	77,000	85,000	83,000	76,500	13	27	29	1,107,000	2,230,000	2,240,000
Tipton	112,000	109,000	93,000	111,000	108,000	92,000	15	27	28	1,668,000	2,940,000	2,580,000
District 1	696,000	680,000	580,000	686,000	670,000	575,000	16	28	32	11,295,000	18,859,000	18,580,000
Benton	13,500	12,500	8,000	13,000	12,000	7,000	13	29	33	174,000	350,000	230,000
Carroll	49,500	45,000	29,000	48,000	44,000	26,000	13	27	31	610,000	1,184,000	860,000
Chester	24,000	24,000	14,000	23,500	23,000	13,500	14	24	25	323,000	550,000	340,000
Crockett	39,000	36,000	25,000	38,500	35,000	24,000	14	25	31	530,000	876,000	750,000
Decatur	9,500	9,000	7,000	9,300	8,700	6,800	12	23	27	115,000	202,000	185,000
Fayette	87,000	76,000	69,000	85,000	75,000	68,000	14	24	29	1,170,000	1,800,000	1,940,000
Gibson	125,000	121,000	79,000	124,000	120,000	78,000	16	25	31	1,970,000	3,026,000	2,400,000
Hardeman	47,000	42,500	34,000	45,500	42,000	33,000	15	23	28	675,000	970,000	910,000
Hardin	40,000	40,500	30,000	38,400	39,500	29,000	12	20	28	476,000	790,000	820,000
Haywood	92,500	88,000	65,000	92,000	87,000	64,000	14	26	29	1,266,000	2,271,000	1,850,000
Henderson	38,000	35,000	26,000	37,500	34,000	25,500	17	25	32	635,000	842,000	810,000
Henry	44,000	41,000	28,000	42,500	39,000	27,500	13	22	33	540,000	870,000	900,000
McNairy	40,000	37,500	26,000	39,500	37,000	25,500	19	23	27	753,000	850,000	680,000
Madison	73,000	66,000	44,000	72,000	65,000	43,000	13	25	29	915,000	1,618,000	1,260,000
Weakley	82,000	81,000	61,000	81,000	80,000	60,000	14	26	30	1,115,000	2,070,000	1,800,000
District 2	804,000	755,000	545,000	789,700	741,200	532,800	14	25	30	11,267,000	18,269,000	15,735,000
Cheatham	3,700	4,000	3,200	3,300	3,300	3,000	20	30	35	65,000	99,000	105,000
Dickson	3,300	3,300	2,700	3,000	3,000	2,600	12	25	31	37,000	75,000	80,000
Hickman	5,800	5,500	3,700	5,200	4,900	3,300	18	20	33	91,000	128,000	110,000
Houston	2,000	2,000	1,500	1,700	1,500	1,400	16	28	32	28,000	42,000	45,000
Humphreys	8,000	6,000	4,500	7,000	5,800	4,300	18	31	36	123,000	180,000	155,000
Lawrence	32,000	26,000	18,000	31,300	25,000	17,300	18	19	29	549,000	474,000	500,000
Lewis	2,300	2,200	1,500	2,100	1,900	1,400	16	30	32	33,000	57,000	45,000
Montgomery	23,000	23,500	27,000	22,500	22,700	20,500	21	28	35	464,000	636,000	720,000
Perry	6,000	6,000	4,800	5,000	5,000	4,500	14	26	29	72,000	130,000	130,000
Robertson	54,000	49,500	44,000	52,700	49,000	43,000	19	30	33	979,000	1,465,000	1,400,000
Stewart	4,400	4,000	3,500	4,200	3,900	3,400	13	27	31	56,000	105,000	105,000
Wayne	8,500	8,000	5,600	8,300	7,800	5,500	18	20	31	146,000	157,000	170,000
District 3	153,000	140,000	115,000	146,300	133,800	110,200	18	27	32	2,643,000	3,548,000	3,565,000
Bedford	18,000	17,000	14,500	17,500	16,000	14,000	16	23	29	286,000	368,000	400,000
Cannon	10,000	9,000	7,000	9,500	8,900	6,900	19	25	27	184,000	221,000	185,000
Clay	2,500	3,000	2,500	2,200	2,100	1,700	20	28	30	45,000	59,000	51,000
Davidson	6,600	6,000	4,600	6,000	5,700	4,000	15	31	35	92,000	175,000	140,000
DeKalb	9,000	8,000	6,500	8,500	7,900	6,400	18	29	34	156,000	227,000	220,000
Giles	14,500	13,000	9,000	14,000	12,000	8,000	16	24	34	229,000	285,000	270,000
Jackson	2,800	2,000	1,600	2,200	1,800	1,300	18	23	25	40,000	41,000	32,000
Lincoln	37,000	33,000	27,000	36,500	32,600	26,000	16	25	30	597,000	806,000	770,000
Macon	8,600	7,300	6,000	7,900	6,700	5,000	15	28	33	121,000	188,000	163,000
Marshall	7,200	7,000	5,300	6,900	6,000	5,000	20	21	27	141,000	127,000	135,000
Maury	24,000	21,000	15,000	23,500	20,000	14,500	21	21	30	504,000	420,000	430,000
Moore	800	¹	¹	600	¹	¹	20	¹	¹	12,000	¹	¹
Rutherford	21,500	20,000	16,000	21,000	19,000	14,700	16	26	27	343,000	488,000	400,000
Smith	2,400	2,000	1,400	1,800	1,500	1,200	18	25	29	33,000	37,000	35,000
Sumner	20,000	18,000	14,000	19,000	17,000	13,000	16	29	33	311,000	492,000	430,000
Trousdale	1,800	¹	¹	1,600	¹	¹	16	¹	¹	25,000	¹	¹
Williamson	15,800	14,000	11,000	15,000	13,000	10,000	18	28	34	276,000	360,000	340,000
Wilson	3,500	3,500	2,200	3,300	3,000	2,100	15	23	29	51,000	69,000	60,000
Other counties		2,200	1,400		1,800	1,200		26	33		46,000	39,000
District 4	206,000	186,000	145,000	197,000	175,000	135,000	17	25	30	3,446,000	4,409,000	4,100,000

¹Less than 500 acres planted for all purposes, combined with other counties.

Soybeans

SOYBEANS: Acreage, Yield, and Production—By Counties for 1983, 1984, and Preliminary 1985

District and County	Planted for All Purposes			Harvested For Beans			Yield Per Harv. Acre			Production for Beans		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Bledsoe	4,000	3,700	3,000	3,800	3,400	2,900	19	23	29	71,000	78,000	85,000
Coffee	29,000	22,600	17,000	28,400	22,000	16,700	19	20	32	533,000	438,000	530,000
Cumberland	3,000	2,700	2,500	2,800	2,500	2,400	19	22	31	52,000	55,000	75,000
Fentress	7,000	6,300	4,000	6,400	5,900	3,800	19	27	28	120,000	159,000	105,000
Franklin	31,100	27,400	25,000	30,700	27,000	24,800	20	23	32	608,000	621,000	800,000
Grundy	3,000	2,600	2,000	2,800	2,500	1,900	19	28	32	52,000	70,000	60,000
Marion	10,000	9,000	7,500	9,600	8,900	7,400	20	28	35	190,000	249,000	260,000
Morgan	2,000	1,600	1,200	1,900	1,500	1,100	20	20	31	38,000	30,000	34,000
Overton	3,000	3,000	2,000	2,800	2,500	1,600	19	22	28	53,000	55,000	45,000
Putnam	2,000	2,200	1,900	1,900	2,000	1,600	19	25	31	36,000	50,000	50,000
Sequatchie	2,000	2,200	1,900	1,900	2,000	1,800	19	31	33	36,000	62,000	60,000
Van Buren	¹	¹	500	¹	¹	500	¹	¹	28	¹	¹	14,000
Warren	19,000	14,500	12,300	18,500	14,000	12,000	16	23	29	289,000	320,000	350,000
White	4,000	4,200	3,800	3,800	4,000	3,100	16	24	32	59,000	95,000	100,000
Other Counties	900	1,000	400	700	800	400	20	30	30	12,000	18,000	12,000
District 5	120,000	103,000	85,000	116,000	99,000	82,000	19	23	32	2,149,000	2,300,000	2,580,000
Blount	5,500	5,000	4,100	5,200	4,600	3,600	19	21	31	97,000	97,000	110,000
Bradley	1,800	1,200	1,000	1,200	1,100	800	17	23	33	20,000	23,000	26,000
Cocke	1,500	1,200	900	1,300	1,000	700	23	32	34	30,000	32,000	24,000
Greene	2,300	1,900	1,500	1,500	1,400	1,000	23	26	25	34,000	36,500	25,000
Hamblen	800	900	1,000	700	700	800	23	24	31	16,000	17,000	25,000
Hamilton	2,000	1,200	700	1,300	1,000	600	18	20	27	24,000	20,000	16,000
Hawkins	700	600	500	600	500	400	22	26	33	13,000	13,000	13,000
Jefferson	2,400	1,700	1,400	1,600	1,400	1,100	24	25	27	38,000	35,000	30,000
Knox	1,400	1,600	1,400	1,300	1,200	1,200	23	29	29	30,000	35,000	35,000
Loudon	2,200	2,000	1,800	1,800	1,500	1,600	20	23	25	36,000	34,500	40,000
McMinn	3,100	3,500	3,100	3,000	3,100	2,300	20	18	26	59,000	56,000	60,000
Meigs	2,300	2,200	1,900	2,100	2,000	1,700	18	21	29	37,000	42,000	50,000
Monroe	7,500	6,800	5,900	7,000	6,200	5,500	21	22	25	145,000	136,000	135,000
Polk	2,200	1,900	1,600	2,000	1,700	1,300	23	20	27	46,000	34,000	35,000
Rhea	3,400	3,000	2,100	3,000	2,700	1,700	22	27	32	65,000	74,000	55,000
Sevier	1,000	800	600	800	700	400	21	30	30	17,000	21,000	12,000
Other Counties	900	500	500	600	300	300	22	30	30	13,000	9,000	9,000
District 6	41,000	36,000	30,000	35,000	31,000	25,000	21	23	28	720,000	715,000	700,000
State	2,020,000	1,900,000	1,500,000	1,970,000	1,850,000	1,460,000	16	26	31	31,520,000	48,100,000	45,260,000

¹Less than 500 acres planted for all purposes, combined with other counties.

TOBACCO: 1985 PRODUCTION

Seeding of plant beds and transplanting of the 1985 tobacco crop were carried out ahead of the normal schedule by almost two weeks. Transplanting began in early May and was virtually complete by mid-June. Growing conditions were favorable throughout the season and the crop developed a few days ahead of average. Harvesting got underway by early August and was completed in late September. Yields were better than average and the highest since 1982.

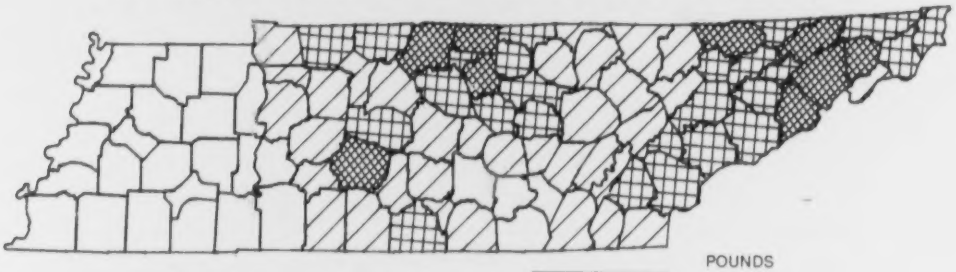
Tennessee produced 127.4 million pounds of tobacco from 61,710 acres. The average yield of 2,065 pounds per acre was over 100 pounds better than the 10 year average and 3 pounds higher than 1984. Burley tobacco production totaled 99.5 million pounds and accounted for 79 percent of Tennessee's 1985 tobacco production. The value of Tennessee's burley tobacco production was 158 million dollars. The average price of the burley crop was $1.591 per pound.

Total dark-fired tobacco production was 25.6 million pounds, down slightly from 1984 production. Dark air-cured tobacco production totaled 2.3 million pounds compared with 2.8 million pounds in 1984.

ALL TOBACCO: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE 1978-85

Year	Acreage Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
	Acres	Lbs.	1,000 Lbs.	Dollars Per Lb.	1,000 Dollars
1978	66,850	2,126	142,099	1.261	179,185
1979	60,090	1,745	104,829	1.376	144,275
1980	64,760	1,728	111,931	1.610	180,221
1981	78,650	2,053	161,463	1.776	286,789
1982	82,610	2,156	178,117	1.723	306,830
1983	72,910	1,621	118,197	1.797	212,428
1984	74,990	2,062	154,646	1.792	277,133
1985	61,710	2,065	127,403	1.571	200,189

BURLEY TOBACCO: 1985 PRODUCTION



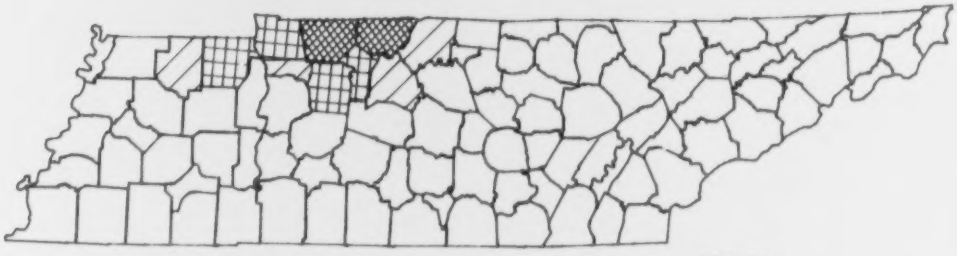
TOP FIVE COUNTIES

1.	GREENE	9,840,000 lbs.
2.	HAWKINS	4,870,000 lbs.
3.	SUMNER	4,780,000 lbs.
4.	CLAIBORNE	4,590,000 lbs.
5.	WASHINGTON	4,580,000 lbs.

POUNDS

- UNDER 20,000
- 20,000-999,999
- 1,000,000-3,999,999
- 4,000,000 AND OVER

DARK-FIRED TOBACCO: 1985 PRODUCTION



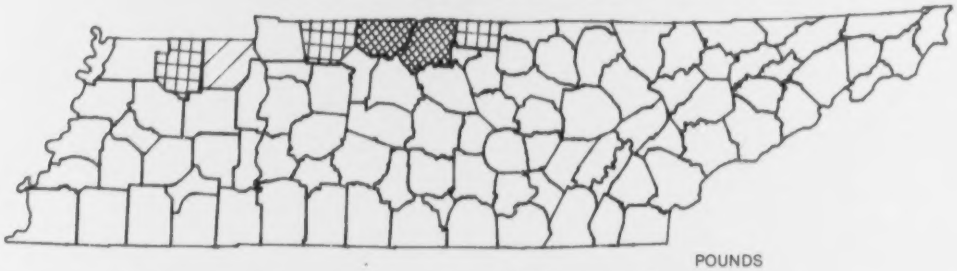
TOP FIVE COUNTIES

1.	ROBERTSON	10,115,000 lbs.
2.	MONTGOMERY	6,079,000 lbs.
3.	CHEATHAM	2,595,000 lbs.
4.	DICKSON	2,446,000 lbs.
5.	STEWART	1,692,000 lbs.

POUNDS

- UNDER 20,000
- 20,000-999,999
- 1,000,000-3,999,999
- 4,000,000 AND OVER

DARK AIR-CURED TOBACCO: 1985 PRODUCTION



TOP FIVE COUNTIES

1.	ROBERTSON	1,208,000 lbs.
2.	SUMNER	709,000 lbs.
3.	MACON	177,300 lbs.
4.	WEAKLEY	83,500 lbs.
5.	MONTGOMERY	57,500 lbs.

POUNDS

- UNDER 15,000
- 15,000-49,999
- 50,000-199,999
- 200,000 AND OVER

TOBACCO, TYPE 22, EASTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1978-1985

Year	Acreage Harvested Acres	Yield Per Acre Pounds	Total Production Thous. lbs.	Season Average Price Cents	Total Value Thous. Dol.
1978	14,200	1,910	27,122	113.8	30,865
1979	11,800	1,765	20,827	116.7	24,305
1980	10,600	1,745	18,497	143.6	26,562
1981	11,300	1,565	17,685	164.5	29,092
1982	12,200	2,040	24,888	156.8	39,024
1983	10,800	1,540	16,632	184.4	30,669
1984	11,800	2,210	26,078	154.0	40,160
1985	10,800	2,210	23,868	152.2	36,327

TOBACCO, TYPE 23, WESTERN DARK-FIRED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1978-1985

Year	Acreage Harvested Acres	Yield Per Acre Pounds	Total Production Thous. lbs.	Season Average Price Cents	Total Value Thous. Dol.
1978	850	1,620	1,377	105.0	1,446
1979	690	1,710	1,180	112.4	1,326
1980	560	1,610	902	118.1	1,065
1981	650	1,590	1,034	146.6	1,516
1982	810	2,055	1,665	141.1	2,349
1983	810	1,355	1,098	180.9	1,986
1984	890	2,205	1,962	163.5	3,208
1985	810	2,180	1,766	145.0	2,561

TOBACCO, TYPE 31 BURLEY: ACREAGE, YIELD, PRODUCTION AND VALUE, 1978-1985

Year	Acreage Harvested Acres	Yield Per Acre Pounds	Total Production Thous. lbs.	Season Average Price Cents	Total Value Thous. Dol.
1978	50,000	2,200	110,000	130.2	143,220
1979	46,000	1,745	80,270	144.0	115,589
1980	52,000	1,725	89,700	165.8	148,723
1981	65,000	2,155	140,075	180.2	252,415
1982	68,000	2,185	148,580	176.1	261,649
1983	60,000	1,640	98,400	179.4	176,530
1984	61,000	2,030	123,830	185.8	230,076
1985	49,000	2,030	99,470	159.1	158,257

TOBACCO, TYPE 35, DARK AIR-CURED: ACREAGE, YIELD, PRODUCTION AND VALUE 1978-1985

Year	Acreage Harvested Acres	Yield Per Acre Pounds	Total Production Thous. lbs.	Season Average Price Cents	Total Value Thous. Dol.
1978	1,800	2,000	3,600	101.5	3,654
1979	1,600	1,595	2,552	119.7	3,055
1980	1,600	1,770	2,832	136.7	3,871
1981	1,700	1,570	2,669	141.1	3,766
1982	1,600	1,865	2,984	127.6	3,808
1983	1,300	1,590	2,067	156.9	3,243
1984	1,300	2,135	2,776	132.9	3,689
1985	1,100	2,090	2,299	132.4	3,044

TOBACCO: Acreage, Yield and Production—By Counties for 1984 and 1985

District and County	Acreage Harvested 1984 Acres	1985	Yield Per Harvested Acre[1] 1984 Pounds	1985	Total Production 1984 Pounds	1985
East Dark-Fired (Type 22)						
Cheatham	1,200	1,100	2,285	2,360	2,743,000	2,595,000
Dickson	1,140	1,040	2,100	2,350	2,393,000	2,446,000
Houston	180	170	2,070	2,235	372,700	379,800
Montgomery	3,190	2,930	2,090	2,075	6,673,000	6,079,000
Robertson	4,935	4,485	2,360	2,255	11,651,000	10,115,000
Stewart	865	800	2,015	2,115	1,741,000	1,692,000
Davidson	79	95	1,505	1,855	119,000	176,000
Sumner	208	175	1,815	2,150	377,000	376,000
Other Counties	3	5	2,765	1,840	8,300	9,200
STATE	11,800	10,800	2,210	2,210	26,078,000	23,868,000
West Dark-Fired (Type 23)						
Henry	717	654	2,255	2,265	1,616,000	1,481,000
Weakley	160	147	1,955	1,805	312,900	265,100
Other Counties	13	9	2,545	2,210	33,100	19,900
STATE	890	810	2,205	2,180	1,962,000	1,766,000
Dark Air-Cured (Type 35)						
Henry	12	10	2,340	1,970	28,100	19,700
Weakley	39	40	2,220	2,090	86,500	83,500
Montgomery	41	31	2,065	1,855	84,600	57,500
Robertson	656	556	2,260	2,175	1,483,000	1,208,000
Macon	95	85	2,140	2,085	203,500	177,300
Sumner	432	357	1,940	1,985	838,500	709,000
Other Counties	25	21	2,070	2,095	51,800	44,000
State	1,300	1,100	2,135	2,090	2,776,000	2,299,000
Burley (Type 31)						
Cheatham	200	125	2,185	1,920	436,500	240,000
Dickson	170	107	1,815	1,820	308,500	195,000
Hickman	255	165	1,815	1,860	463,000	307,000
Houston	115	70	1,960	1,930	225,500	135,000
Humphreys	19	21	1,715	1,940	32,600	40,700
Lawrence	335	215	1,900	1,815	636,000	390,000
Lewis	85	44	1,710	1,930	145,500	85,000
Montgomery	1,280	890	2,035	2,055	2,602,000	1,830,000
Robertson	1,300	935	2,235	2,065	2,908,000	1,930,000
Stewart	380	285	1,995	1,825	742,000	520,000
District 3	4,139	2,857	2,055	1,985	8,499,600	5,672,700
Bedford	320	318	1,640	1,700	524,000	540,000
Cannon	300	255	2,020	2,000	606,000	510,000
Clay	800	615	1,860	1,935	1,489,000	1,190,000
Davidson	91	77	2,120	2,080	193,000	160,000
DeKalb	1,050	710	1,865	2,085	1,960,000	1,480,000
Giles	550	355	1,875	1,915	1,030,000	680,000
Jackson	1,220	955	2,000	1,895	2,437,000	1,810,000
Lincoln	840	680	2,010	1,750	1,689,000	1,190,000
Macon	2,400	1,740	2,165	2,100	5,201,000	3,650,000
Marshall	580	440	2,080	2,070	1,205,000	910,000
Maury	2,200	1,690	1,950	1,925	4,295,000	3,250,000
Moore	340	285	2,045	2,005	695,000	571,000
Rutherford	145	105	2,015	1,800	292,000	189,000
Smith	2,230	1,470	2,300	2,240	5,125,000	3,290,000
Sumner	3,160	2,370	2,115	2,015	6,679,000	4,780,000
Trousdale	1,390	825	2,235	2,180	3,106,000	1,800,000
Williamson	1,510	1,120	2,150	2,105	3,248,000	2,360,000
Wilson	1,200	1,040	2,155	2,040	2,585,000	2,120,000
District 4	20,326	15,050	2,085	2,025	42,359,000	30,480,000

TOBACCO: Acreage, Yield and Production—By Counties for 1984 and 1985

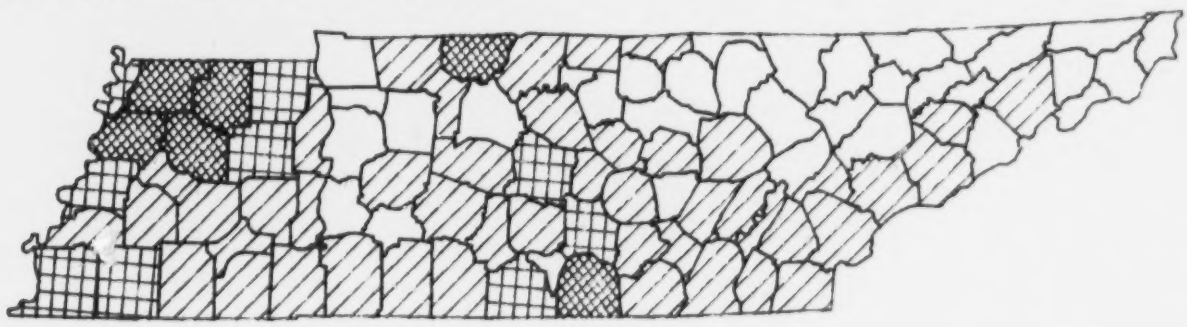
District and County	Acreage Harvested 1984 Acres	1985	Yield Per Harvested Acre[1] 1984 Pounds	1985	Total Production 1984 Pounds	1985
			Burley (Type 31 Continued)			
Coffee	30	22	1,600	2,225	48,000	49,000
Cumberland	230	180	1,580	1,860	363,500	335,000
Fentress	220	182	1,795	1,785	395,000	325,000
Franklin	240	160	1,780	1,780	427,500	285,000
Grundy	10	11	1,350	1,820	13,500	20,000
Morgan	60	45	1,610	1,980	96,500	89,000
Overton	460	335	1,790	2,015	824,000	675,000
Pickett	450	390	1,815	1,925	817,000	751,000
Putnam	1,170	760	1,850	2,195	2,163,000	1,670,000
Scott	23	19	1,710	1,895	39,300	36,000
Van Buren	45	35	1,790	1,855	80,600	65,000
Warren	310	205	1,585	1,900	491,000	390,000
White	810	660	1,965	2,030	1,590,000	1,340,000
District 5	4,058	3,004	1,810	2,005	7,348,900	6,030,000
Anderson	250	182	2,010	2,035	502,000	370,000
Blount	825	670	1,920	1,880	1,582,000	1,260,000
Bradley	150	120	2,000	1,960	300,000	235,000
Campbell	510	415	1,965	1,915	1,002,000	795,000
Carter	1,300	1,040	1,880	1,855	2,446,000	1,930,000
Claiborne	2,700	2,200	2,100	2,085	5,673,000	4,590,000
Cocke	1,740	1,550	1,855	2,015	3,228,000	3,120,000
Grainger	1,600	1,300	2,070	2,115	3,312,000	2,750,000
Greene	4,850	4,850	1,965	2,030	9,538,000	9,840,000
Hamblen	940	880	2,120	2,225	1,994,000	1,960,000
Hamilton	12	12	2,100	2,000	25,200	24,000
Hancock	1,390	1,010	1,980	2,160	2,754,000	2,180,000
Hawkins	2,420	2,300	2,075	2,115	5,021,000	4,870,000
Jefferson	1,250	1,250	2,320	2,030	2,897,000	2,540,000
Johnson	1,300	1,150	1,945	2,010	2,526,000	2,310,000
Knox	730	610	1,910	1,850	1,395,000	1,130,000
Loudon	700	570	2,065	1,945	1,445,000	1,110,000
McMinn	1,000	670	1,815	1,925	1,814,000	1,290,000
Meigs	290	195	1,995	2,020	578,500	394,000
Monroe	1,180	880	1,770	1,840	2,087,000	1,620,000
Polk	27	23	1,580	1,915	42,600	44,000
Rhea	52	43	2,030	1,930	105,500	83,000
Roane	365	240	1,925	2,000	702,000	480,000
Sevier	1,500	1,200	2,145	2,060	3,221,000	2,470,000
Sullivan	1,670	1,420	2,000	1,970	3,336,000	2,800,000
Unicoi	540	450	2,085	2,055	1,127,000	925,000
Union	850	780	2,120	1,985	1,803,000	1,550,000
Washington	2,310	2,060	2,215	2,225	5,122,000	4,580,000
District 6	32,451	28,070	2,020	2,040	65,578,800	57,250,000
Other Counties	26	19	1,680	1,965	43,700	37,300
State Total (Burley)	61,000	49,000	2,030	2,030	123,830,000	99,470,000
State Total (All Tobacco)	74,990	61,710	2,062	2,065	154,646,000	127,403,000

[1]Yield derived to nearest 5 pounds, except all tobacco to nearest pound.

1985 WHEAT PRODUCTION

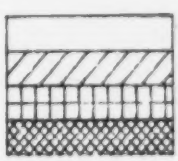
Fall seeding conditions for the 1985 winter wheat crop were characterized by persistant rainfall and generally normal temperatures. On December 1, only 50 percent of the wheat acreage had been seeded. The wheat crop came through the winter in fair condition. April and May brought about scattered showers which contributed to such disease problems as wheat rust, glume botch, and septorial leaf spot, however, the wheat crop developed normally. Harvest began the first week of June.

Acreage planted declined for the fourth consecutive year to 340 thousand acres. Producers carried 250 thousand of these acres to harvest for grain. The 1985 wheat crop totaled 8 million bushels with a 32.0 bushels per acre yield.



TOP PRODUCING COUNTIES

1.	DYER	670,000 bu.
2.	FRANKLIN	600,000 bu.
3.	OBION	480,000 bu.
4.	ROBERTSON	480,000 bu.
5.	GIBSON	370,000 bu.
6.	WEAKLEY	370,000 bu.



BUSHELS

UNDER 100,000

100,000-499,999

500,000-999,999

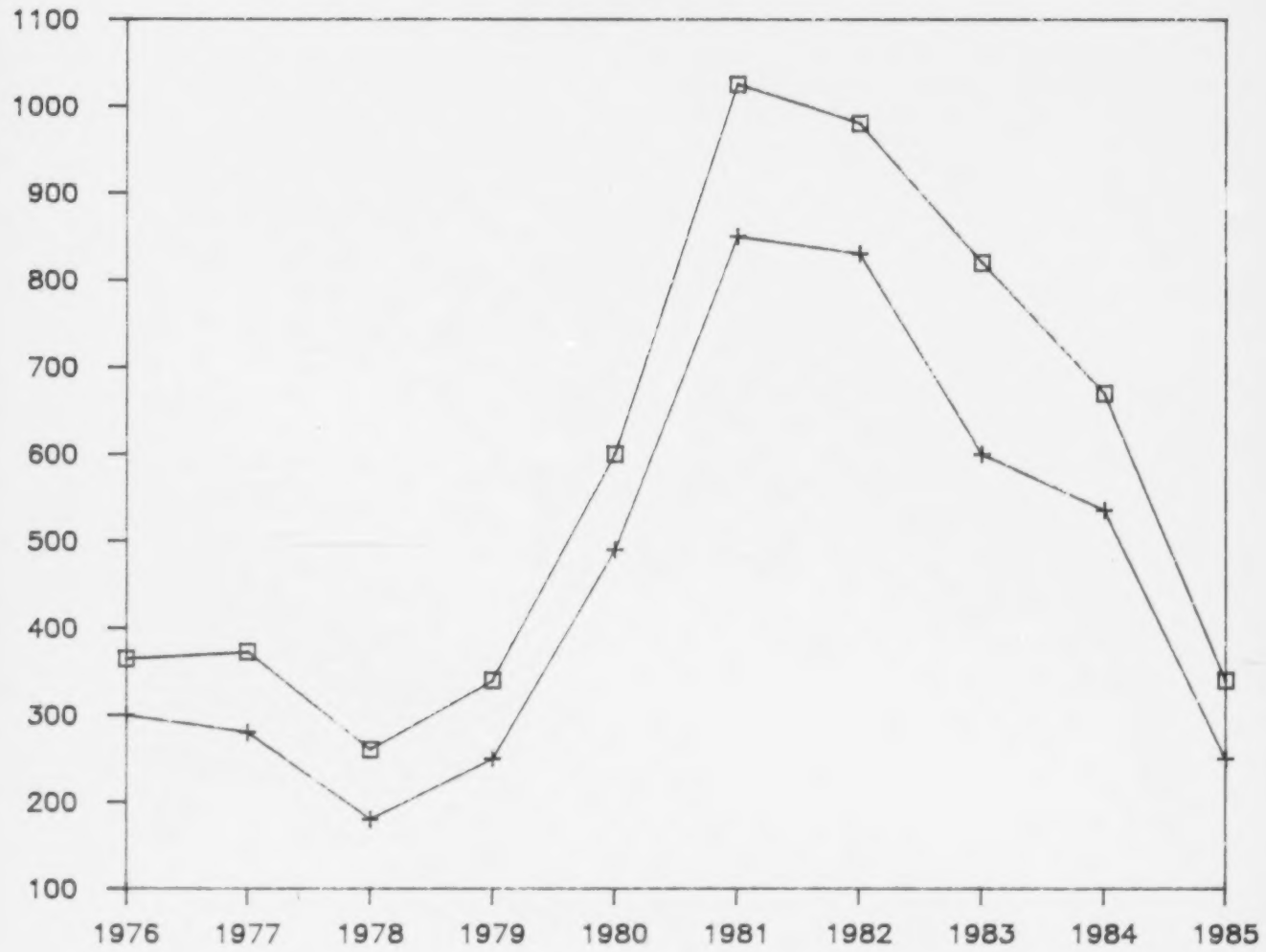
1,000,000 AND OVER

WHEAT: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-85

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
	1,000		Bu.	1,000 Bu.	Dollars	1,000 Dol.
1978	260	180	35.0	6,300	2.90	18,270
1979	340	250	34.0	8,500	3.80	32,300
1980	600	490	38.0	18,620	3.80	70,756
1981	1,025	850	44.0	37,400	3.50	130,900
1982	980	830	36.0	29,880	3.02	90,238
1983	820	600	33.0	19,800	3.31	65,538
1984	670	535	40.0	21,400	3.30	70,620
1985	340	250	32.0	8,000	3.00	24,000

WHEAT: PLANTED AND HARVESTED ACREAGE

TENNESSEE, 1976-1985



Wheat

WHEAT: Acreage, Yield, and Production—By Counties for 1980, 1981, and 1982

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
			Acres						Bushels			
Dyer	52,000	76,600	83,000	48,000	70,000	78,000	40	50	38	1,943,000	3,475,000	2,997,000
Lake	28,000	32,800	38,000	23,000	31,500	35,000	45	51	42	1,044,000	1,595,000	1,459,000
Lauderdale	25,000	60,000	55,000	22,500	54,500	48,000	44	48	39	999,000	2,595,000	1,875,000
Obion	50,000	65,000	68,000	47,000	60,000	65,000	41	51	42	1,936,000	3,040,000	2,758,000
Shelby	15,000	23,800	20,000	14,000	22,000	19,000	38	45	36	537,000	985,000	688,000
Tipton	35,000	49,800	48,000	26,500	48,000	42,000	40	41	37	1,058,000	1,960,000	1,560,000
District 1	205,000	308,000	312,000	181,000	286,000	287,000	42	48	40	7,517,000	13,650,000	11,337,000
Benton	1,600	1,900	3,000	1,100	1,400	2,000	29	29	30	32,000	41,000	60,000
Carroll	5,000	18,000	17,500	4,000	16,500	15,000	34	41	32	136,000	670,000	487,000
Chester	4,000	13,300	10,200	3,600	12,000	9,000	31	37	31	112,000	443,000	279,000
Crockett	14,600	33,500	24,700	12,500	32,700	21,000	38	46	40	476,000	1,520,000	845,000
Decatur	1,300	4,100	3,000	1,200	3,300	2,000	32	34	29	38,800	111,000	57,000
Fayette	10,000	27,300	28,000	8,000	25,500	26,000	34	37	34	270,000	946,000	878,000
Gibson	32,000	52,000	60,000	24,000	45,000	54,000	40	45	38	955,000	2,020,000	2,047,000
Hardeman	6,000	13,700	15,000	4,100	8,000	10,000	34	37	34	140,000	297,000	339,000
Hardin	7,800	11,300	11,300	5,600	10,100	10,000	32	43	30	180,500	434,000	302,000
Haywood	12,000	27,300	25,500	10,500	25,700	23,000	37	41	39	391,000	1,050,000	886,000
Henderson	3,000	15,900	10,200	2,400	10,600	9,000	33	38	30	78,000	408,000	269,000
Henry	13,400	28,400	25,100	13,000	26,500	23,000	35	41	38	461,000	1,080,000	878,000
McNairy	5,000	7,200	7,200	4,100	6,000	6,000	32	35	32	133,000	210,000	190,000
Madison	6,000	16,000	15,600	4,300	13,500	14,000	35	37	37	151,000	506,000	524,000
Weakley	34,000	53,400	49,000	30,500	50,000	46,000	40	46	37	1,220,000	2,320,000	1,704,000
District 2	155,700	323,300	305,300	128,900	286,800	270,000	37	42	36	4,774,300	12,056,000	9,745,000
Cheatham	1,200	2,500	2,300	1,100	2,000	2,000	32	43	31	34,900	85,000	62,500
Dickson	2,400	3,700	2,300	2,100	2,100	2,000	33	39	31	69,000	82,000	61,000
Hickman	2,600	5,000	4,900	1,600	3,000	3,000	39	35	25	62,000	104,000	75,000
Houston	¹	¹	500	¹	¹	300	¹	¹	37	¹	¹	11,000
Humphreys	¹	900	700	¹	800	500	¹	35	30	¹	28,000	15,000
Lawrence	6,600	15,900	16,500	4,700	10,800	13,500	31	44	30	147,500	475,000	400,000
Lewis	¹	800	800	¹	600	600	¹	33	41	¹	20,000	24,500
Montgomery	14,500	22,900	17,600	12,600	19,000	16,000	39	44	38	489,500	835,000	604,000
Perry	850	2,300	3,100	700	1,800	2,500	33	38	36	23,000	68,000	89,000
Robertson	22,000	45,200	49,000	20,400	40,000	45,000	40	44	38	825,000	1,765,000	1,688,000
Stewart	¹	¹	500	¹	¹	300	¹	¹	33	¹	¹	10,000
Wayne	6,000	4,600	2,500	4,000	4,400	2,300	26	35	27	105,900	155,000	63,000
Other Counties	1,150	900		900	700		33	39		29,900	27,000	
District 3	57,300	104,700	100,700	48,100	85,200	88,000	36	42	35	1,786,700	3,644,000	3,103,000
Bedford	10,600	17,100	20,500	7,500	13,000	17,000	34	50	30	258,000	650,000	506,000
Cannon	1,300	3,700	3,000	1,200	1,500	2,000	30	44	33	36,100	66,000	66,000
Clay	1,000	2,000	1,500	800	1,300	1,000	27	37	29	21,200	48,000	29,000
Davidson	600	950	1,700	500	900	1,400	35	44	26	17,700	40,000	37,000
DeKalb	1,000	2,700	2,200	700	1,700	2,000	32	37	29	22,300	63,000	58,000
Giles	8,300	10,600	9,500	5,900	8,500	6,500	29	43	31	169,000	366,000	201,000
Jackson	¹	1,000	600	¹	400	500	¹	40	30	¹	16,000	15,000
Lincoln	9,700	17,000	22,000	6,200	10,500	15,000	35	46	31	219,000	486,000	458,000
Macon	1,200	5,700	2,200	1,100	5,300	2,000	38	38	28	42,000	200,000	55,000
Marshall	4,800	6,500	12,000	3,800	3,800	6,000	30	41	28	114,000	157,000	170,000
Maury	8,700	12,200	15,800	7,500	8,800	12,000	29	40	28	221,000	348,000	332,000
Moore	¹	750	¹	¹	500	¹	¹	40	¹	¹	20,000	¹
Rutherford	6,800	12,200	14,500	4,700	7,300	11,000	36	45	29	169,000	330,000	314,000
Smith	¹	900	¹	¹	500	¹	¹	40	¹	¹	20,000	¹
Sumner	6,600	9,800	10,000	5,700	8,000	8,000	39	44	36	224,000	350,000	285,000
Trousdale	1,200	2,000	1,000	1,100	1,400	900	28	36	27	31,000	51,000	24,000
Williamson	9,300	15,200	12,300	8,500	13,000	11,000	34	42	29	286,000	545,000	319,000
Wilson	1,700	5,700	4,200	1,300	3,600	3,000	26	40	27	34,000	144,000	81,000
Other Counties	700		1,000	500		700	31		31	15,700		22,000
District 4	73,500	126,000	134,000	57,000	90,000	100,000	33	43	30	1,880,000	3,900,000	2,972,000

¹Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1980, 1981, and 1982

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
			Acres						Bushels			
Bledsoe	2,600	7,100	5,000	2,400	3,300	3,500	28	36	28	68,000	118,000	99,000
Coffee	11,200	23,200	15,800	10,600	17,000	12,000	35	40	32	369,000	675,000	384,000
Cumberland	1,000	1,700	1,200	800	1,300	600	31	40	34	25,000	52,000	20,500
Fentress	'	'	700	'	'	400	'	'	25	'	'	10,000
Franklin	17,900	27,700	25,000	16,500	23,600	22,000	38	47	34	631,000	1,105,000	748,000
Grundy	1,300	3,400	4,000	1,200	1,200	2,000	41	41	38	49,000	49,000	76,000
Marion	1,500	3,200	4,000	1,300	2,500	3,000	33	37	29	43,000	92,000	86,000
Morgan	'	700	1,000	'	400	600	'	23	28	'	9,000	16,500
Overton	550	3,000	1,300	500	1,800	800	30	36	31	15,000	65,000	25,000
Putnam	650	1,100	700	600	650	500	27	35	30	16,000	23,000	15,000
Sequatchie	1,300	1,500	1,400	1,200	950	1,000	32	40	36	38,800	38,000	36,000
Van Buren	'	'	'	'	'	'	'	'	'	'	'	'
Warren	6,600	19,100	13,500	4,700	11,000	8,000	32	40	31	150,500	442,000	245,000
White	4,600	6,300	3,500	3,000	3,500	2,000	35	36	32	105,500	125,000	63,000
Other Counties	1,300	1,500	900	1,200	800	600	29	34	28	35,200	27,000	17,000
District 5	50,500	99,500	78,000	44,000	68,000	57,000	35	41	32	1,546,000	2,820,000	1,841,000
Blount	4,200	4,700	5,600	3,800	3,800	3,700	36	40	33	135,500	152,000	121,000
Bradley	3,100	3,700	2,100	1,100	1,400	1,000	33	37	37	36,800	52,000	37,000
Claiborne	'	'	700	'	'	200	'	'	36	'	'	7,100
Cocke	1,000	600	500	300	400	300	39	40	30	11,800	16,000	9,000
Grainger	'	'	600	'	'	300	'	'	33	'	'	9,800
Greene	8,300	4,700	3,200	2,900	2,500	1,800	36	38	28	105,600	94,000	50,000
Hamblen	2,500	2,300	1,800	1,000	1,000	1,000	35	40	35	35,300	40,000	35,000
Hamilton	1,200	1,500	2,100	500	800	1,400	30	35	29	15,100	28,000	41,000
Hawkins	1,300	1,200	1,100	1,200	1,000	800	33	35	31	40,000	35,000	25,000
Jefferson	2,500	3,000	2,600	2,300	2,300	2,000	39	41	31	90,500	94,000	62,000
Knox	1,800	1,700	900	800	500	300	40	40	33	32,200	20,000	10,000
Loudon	2,300	3,100	3,000	1,500	2,400	2,000	35	38	34	53,200	92,000	68,000
McMinn	8,100	10,500	8,800	3,600	3,300	2,900	31	40	32	110,000	132,000	91,500
Meigs	1,100	3,200	2,000	500	1,000	800	39	38	31	19,700	38,000	25,000
Monroe	8,700	7,800	6,700	6,000	5,900	4,700	40	42	32	238,000	247,000	148,500
Polk	1,500	3,200	1,700	500	1,300	1,400	34	39	30	17,000	51,000	42,000
Rhea	2,300	3,000	2,100	1,200	1,300	1,000	35	38	30	42,000	49,000	30,000
Sevier	1,300	1,800	900	1,200	1,700	700	42	42	29	50,700	71,000	20,000
Sullivan	'	600	600	'	350	200	'	34	29	'	12,000	5,700
Washington	4,700	4,800	1,800	1,500	2,100	1,000	32	35	29	48,700	74,000	28,500
Other Counties	2,100	2,100	1,200	1,100	950	500	31	35	32	33,900	33,000	15,900
District 6	58,000	63,500	50,000	31,000	34,000	28,000	36	39	32	1,116,000	1,330,000	882,000
State	600,000	1,025,000	980,000	490,000	850,000	830,000	38	44	36	18,620,000	37,400,000	29,880,000

'Less than 500 acres planted for all purposes, combined with other counties.

Wheat

WHEAT: Acreage, Yield, and Production—By Counties for 1983, 1984, and Preliminary 1985

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
	Acres						Bushels					
Dyer	68,500	55,550	26,000	54,500	47,500	22,000	35	40	31	1,915,000	1,915,000	670,000
Lake	27,800	15,000	8,000	23,000	13,000	6,000	38	42	32	878,000	547,000	190,000
Lauderdale	46,500	33,000	12,000	36,600	26,500	9,000	37	40	26	1,360,000	1,065,000	230,000
Obion	58,500	54,000	19,000	50,500	47,000	16,000	34	43	30	1,724,000	2,035,000	480,000
Shelby	19,000	18,000	8,000	15,900	14,000	6,500	35	42	25	559,000	589,000	160,000
Tipton	43,700	19,000	7,000	30,500	16,000	5,500	38	40	26	1,164,000	640,000	140,000
District 1	264,000	194,500	80,000	211,000	164,000	65,000	36	41	29	7,600,000	6,791,000	1,870,000
Benton	1,500	3,500	1,300	1,100	3,000	800	27	35	35	29,300	106,000	28,000
Carroll	14,300	15,500	7,500	11,100	13,000	6,000	33	39	33	365,000	508,000	200,000
Chester	12,100	10,500	3,000	9,600	9,000	2,400	27	32	33	258,000	290,000	80,000
Crockett	17,900	10,000	3,000	12,600	8,700	2,500	32	44	32	402,000	383,000	80,000
Decatur	5,100	3,900	1,400	2,900	2,800	1,000	32	38	31	91,500	107,000	31,000
Fayette	24,000	15,500	8,000	18,100	13,000	6,000	34	40	28	613,000	522,000	170,000
Gibson	46,000	34,500	15,000	34,200	28,500	12,000	35	42	31	1,190,000	1,205,000	370,000
Hardeman	10,400	6,000	4,000	7,500	5,000	3,000	34	37	27	254,000	185,000	80,000
Hardin	11,400	4,400	2,500	6,600	2,400	1,300	28	32	31	182,000	76,800	40,000
Haywood	19,500	14,000	4,000	15,600	12,100	3,000	34	44	33	528,000	534,000	100,000
Henderson	8,500	6,900	2,500	6,000	6,000	1,900	33	36	37	197,000	216,000	70,000
Henry	18,600	18,300	7,000	14,600	16,000	6,000	29	45	32	422,000	722,000	190,000
McNairy	9,000	5,700	4,000	6,000	5,000	3,200	32	32	31	192,000	160,000	100,000
Madison	10,600	9,100	3,000	8,500	7,700	2,500	36	38	36	305,000	294,000	90,000
Weakley	44,100	43,000	14,000	34,200	37,000	11,500	34	40	32	1,160,000	1,490,000	370,000
District 2	253,000	200,800	80,200	188,600	169,200	63,100	33	40	32	6,188,800	6,798,800	1,999,000
Cheatham	2,700	1,900	800	1,900	1,400	600	28	41	34	52,500	57,400	20,500
Dickson	3,200	1,700	900	2,600	1,500	600	30	34	32	77,000	51,000	19,000
Hickman	3,800	5,000	1,700	2,200	3,000	1,200	28	35	29	61,000	105,000	35,000
Houston	700	500	*	400	300	*	28	37	*	11,000	11,200	*
Humphreys	900	700	*	600	600	*	28	31	*	16,600	18,500	*
Lawrence	13,200	10,000	4,000	9,500	5,500	2,400	30	39	33	281,000	215,000	80,000
Lewis	800	600	*	500	500	*	28	33	*	13,800	16,500	*
Montgomery	18,700	11,000	5,000	13,300	8,500	4,000	30	42	36	393,000	358,000	145,000
Perry	1,500	900	600	1,000	700	400	28	30	30	27,600	21,000	12,000
Robertson	35,300	32,100	17,000	26,100	28,000	13,900	30	42	35	771,000	1,185,000	480,000
Stewart	500	500	*	300	400	*	26	35	*	7,700	14,000	*
Wayne	5,300	7,500	3,500	4,000	6,400	2,900	27	41	35	106,000	263,000	100,000
Other Counties			1,300			900			33			29,500
District 3	86,600	72,400	34,800	62,400	56,800	26,900	29	41	34	1,818,200	2,315,600	921,000
Bedford	10,600	8,600	4,700	7,000	6,500	3,300	30	39	33	210,000	255,000	108,000
Cannon	2,900	1,700	1,000	1,700	1,500	700	31	38	31	53,000	57,000	22,000
Clay	2,400	1,500	1,000	1,500	1,200	800	29	32	31	43,600	38,400	25,000
Davidson	1,100	800	500	800	700	400	22	31	30	17,600	21,500	12,000
DeKalb	2,500	1,800	1,500	1,700	1,500	1,000	31	35	32	53,000	52,500	32,000
Giles	8,200	6,700	4,500	5,600	5,000	3,200	28	35	30	157,000	176,000	96,000
Jackson	*	*	*	*	*	*	*	*	*	*	*	*
Lincoln	10,400	18,500	12,000	6,400	11,200	6,800	31	33	35	199,000	372,000	240,000
Macon	5,000	3,600	2,300	3,800	2,700	1,500	30	40	35	114,000	108,000	53,000
Marshall	6,700	10,700	7,500	3,200	6,300	4,100	24	37	33	77,000	234,000	134,000
Maury	13,400	7,400	5,000	6,900	6,000	4,000	27	33	29	186,000	198,000	115,000
Moore	*	*	*	*	*	*	*	*	*	*	*	*
Rutherford	11,000	9,800	7,100	6,600	8,500	5,900	30	41	32	198,000	350,000	187,000
Smith	800	*	*	400	*	*	31	*	*	12,400	*	*
Sumner	9,200	6,600	4,500	6,800	5,900	3,800	27	40	32	184,000	236,000	120,000
Trousdale	1,600	1,100	500	1,200	1,000	350	25	34	29	30,200	34,000	10,000
Williamson	14,800	12,000	7,500	10,200	7,600	4,500	31	36	29	317,000	275,000	130,000
Wilson	4,900	6,000	4,500	3,100	4,300	3,000	30	38	29	93,500	164,000	86,000
Other Counties	1,100	1,400	900	600	1,100	650	26	36	31	15,700	39,500	20,000
District 4	106,600	98,200	65,000	67,500	71,000	44,000	29	37	32	1,961,000	2,610,900	1,390,000

*Less than 500 acres planted for all purposes, combined with other counties.

WHEAT: Acreage, Yield, and Production—By Counties for 1983, 1984, and Preliminary 1985

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Bledsoe	5,100	3,700	2,500	3,900	3,000	2,200	28	40	34	109,000	120,000	75,000
Coffee	11,600	12,400	7,500	7,700	7,800	5,000	31	36	34	239,000	282,000	170,000
Cumberland	1,000	1,300	1,500	700	1,000	900	28	38	36	19,600	38,200	32,000
Fentress	*	*	600	*	*	300	*	*	33	*	*	10,000
Franklin	19,100	21,000	18,000	15,200	19,000	16,300	34	43	37	517,000	825,000	600,000
Grundy	1,000	1,000	700	700	900	600	30	38	37	21,100	34,400	22,000
Marion	1,800	2,100	1,500	1,500	1,900	1,300	28	34	31	42,100	64,600	40,000
Morgan	*	*	*	*	*	*	*	*	*	*	*	*
Overton	1,000	700	600	700	600	400	36	36	35	25,200	21,600	14,000
Putnam	700	800	600	500	400	300	29	38	32	14,500	15,200	9,500
Sequatchie	900	1,000	1,000	700	800	700	31	40	33	21,800	32,100	23,000
Van Buren	600	500	*	400	400	*	30	38	*	12,000	15,200	*
Warren	13,000	11,500	7,100	9,100	9,500	4,000	32	36	33	292,000	344,000	133,000
White	3,600	3,200	2,500	2,400	2,800	1,500	34	41	36	82,100	115,000	54,000
Other Counties	1,000	1,400	900	700	900	500	28	34	35	19,600	30,800	17,500
District 5	60,400	60,600	45,000	44,200	49,000	34,000	32	40	35	1,415,000	1,938,100	1,200,000
Blount	5,500	4,600	3,500	3,300	3,500	2,000	33	41	38	108,000	144,000	75,000
Bradley	2,700	2,600	2,500	1,100	1,000	800	33	40	38	36,100	40,000	30,000
Claiborne	500	*	*	300	*	*	31	*	*	9,300	*	*
Cocke	600	*	*	500	*	*	34	*	*	16,900	*	*
Grainger	600	*	*	300	*	*	29	*	*	8,700	*	*
Greene	2,900	2,300	1,900	1,500	1,600	700	30	34	39	44,700	54,700	27,000
Hamblen	1,500	1,100	900	800	800	500	29	40	38	23,100	32,000	19,000
Hamilton	1,500	1,200	900	800	800	600	30	34	35	23,800	27,200	21,000
Hawkins	1,400	800	600	800	500	400	24	39	40	19,100	19,500	16,000
Jefferson	2,800	2,500	2,000	1,900	2,000	1,300	34	40	38	64,000	80,000	49,000
Knox	1,200	900	900	400	400	400	34	44	38	13,500	17,600	15,000
Loudon	2,700	2,100	1,700	1,600	1,400	1,100	34	43	38	54,000	60,500	42,000
McMinn	4,200	5,800	5,000	1,600	2,600	1,900	32	36	35	51,000	94,400	67,000
Meigs	2,300	2,900	2,500	900	1,000	1,200	34	45	37	30,400	45,000	44,000
Monroe	7,900	7,000	4,900	5,000	4,500	2,600	32	36	35	159,000	163,000	90,000
Polk	2,500	3,000	2,300	1,200	1,300	900	27	30	31	32,200	38,900	28,000
Rhea	2,700	2,900	2,200	1,100	1,200	900	26	33	36	28,400	39,700	32,000
Sevier	1,300	900	700	800	600	500	32	42	42	25,500	25,100	21,000
Sullivan	*	*	*	*	*	*	*	*	*	*	*	*
Washington	3,200	600	500	1,800	500	250	29	34	35	52,000	17,000	8,700
Other Counties	1,400	2,300	2,000	600	1,300	950	29	36	37	17,300	47,000	35,300
District 6	49,400	43,500	35,000	26,300	25,000	17,000	31	38	37	817,600	945,600	620,000
State	820,000	670,000	340,000	600,000	535,000	250,000	33	40	32	19,800,000	21,400,000	8,000,000

*Less than 500 acres planted for all purposes, combined with other counties

CORN: 1985 PRODUCTION

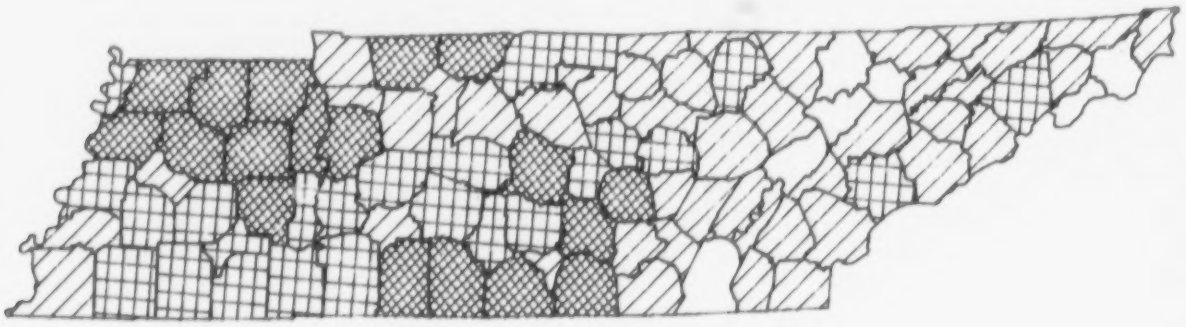
Planting time for the 1985 crop was characterized by frequent widespread thunderstorms as well as cool temperatures, which began to rise above normal by the end of June.

Corn growing conditions improved in all parts of the State in last July, and early August. The August 1 crop forecast was based on a corn crop that was 10 to 14 days ahead of average. On September 1, the harvest was 4% complete, by month's end the crop was 95% mature, 40% had been harvested and 90% of the crop was in good to excellent condition.

Warm, dry weather provided excellent drying conditions during the first half of November. Progress throughout the month still remained 10 to 14 days ahead of the average pace. Harvest was 85% complete by the end of November.

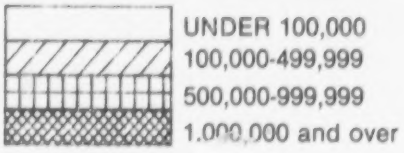
The 1985 yield was only 3 bushels per acre more than the 1984 yield. There was 810 thousand acres of corn harvested for grain out of the 950 thousand acres planted, and 125 thousand acres were cut for silage compared with 1984's silage acreage of 135 thousand. Production for grain was 79.4 million bushels.

Silage production totaled 2 million tons which was slightly lower than in 1984 due to reduced acreage and slightly lower yields.



TOP FIVE COUNTIES

1.	OBION	6,415,000 bu.
2.	WEAKLEY	5,550,000 bu.
3.	HENRY	5,210,000 bu.
4.	GIBSON	5,070,000 bu.
5.	CARROLL	2,880,000 bu.

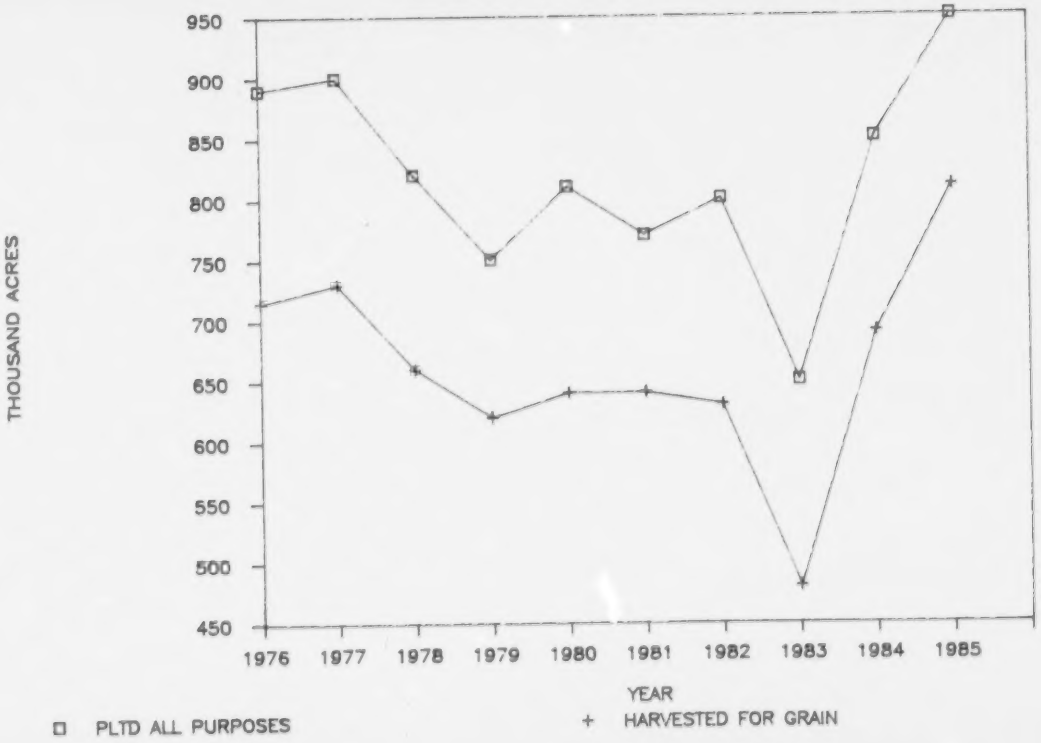


CORN: ACREAGE, YIELD, PRODUCTION, AND VALUE TENNESSEE, 1978-85

		Grain					Silage		
Year	All Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value	Acres Harvested	Yield	Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1978	820	660	69.0	45,540	2.40	109,296	150	14.5	2,175
1979	750	620	85.0	52,700	2.85	150,195	116	16.5	1,914
1980	810	640	46.0	29,440	3.49	102,746	150	11.5	1,725
1981	770	640	84.0	53,760	2.70	145,152	118	16.5	1,947
1982	800	630	90.0	56,700	2.67	151,389	150	16.5	2,475
1983	650	480	48.0	23,040	3.65	84,096	145	12.5	1,813
1984	850	690	95.0	65,550	2.90	190,095	135	17.0	2,295
1985	950	810	98.0	79,380	2.45	194,481	125	16.0	2,000

CORN: PLANTED & HARVESTED FOR GRAIN

TENNESSEE, 1976-1985



Corn

CORN: Acreage, Yield, and Production—By Counties for 1980, 1981, and 1982

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
			Acres						Bushels			
Dyer	14,300	13,200	10,600	14,000	12,500	10,000	40	86	93	560,000	1,070,000	929,000
Lake	550	1,000	1,100	450	1,000	1,000	113	122	129	51,000	122,000	129,000
Lauderdale	8,400	3,900	4,000	6,000	2,900	3,500	32	92	95	192,000	268,000	332,000
Obion	56,500	53,000	44,700	55,400	52,000	44,000	51	102	110	2,800,000	5,309,000	4,837,000
Shelby	2,500	2,700	1,900	2,000	2,600	1,500	40	63	70	80,000	164,000	105,000
Tipton	2,250	2,200	2,700	2,150	1,000	1,000	36	80	73	77,000	80,000	73,000
District 1	84,500	76,000	65,000	80,000	72,000	61,000	47	97	105	3,760,000	7,013,000	6,405,000
Benton	8,300	8,000	8,300	8,000	7,800	8,000	55	70	83	440,000	545,000	664,000
Carroll	17,800	20,500	29,000	17,200	19,500	26,000	48	86	89	826,000	1,680,000	2,308,000
Chester	6,400	6,900	6,700	6,200	6,700	6,000	53	71	86	329,000	479,000	515,000
Crockett	3,900	4,000	2,500	3,200	3,400	2,000	44	82	82	141,000	280,000	164,000
Decatur	5,900	5,800	8,100	5,700	5,300	7,000	47	70	75	268,000	370,000	525,000
Fayette	9,600	11,800	9,000	8,000	9,300	7,000	28	75	83	224,000	701,000	579,000
Gibson	43,500	38,500	42,000	39,300	37,700	40,000	44	86	93	1,730,000	3,248,000	3,710,000
Hardeman	8,800	8,500	6,700	6,900	7,300	6,000	25	78	77	173,000	572,000	461,000
Hardin	8,700	8,800	7,200	8,400	8,600	7,000	42	84	85	353,000	726,000	595,000
Haywood	11,200	9,000	5,500	10,900	8,300	5,000	38	83	86	414,000	691,000	429,000
Henderson	21,600	22,300	20,000	21,000	20,500	18,000	51	78	91	1,071,000	1,606,000	1,634,000
Henry	47,000	46,800	36,500	42,400	42,000	30,000	52	88	94	2,205,000	3,700,000	2,812,000
McNairy	10,300	10,800	9,300	9,800	10,500	9,000	52	77	87	510,000	812,000	781,000
Madison	7,900	7,900	9,800	6,000	6,300	8,000	45	79	89	270,000	500,000	710,000
Weakley	38,000	40,000	45,000	36,100	38,500	41,000	60	97	95	2,166,000	3,732,000	3,884,000
District 2	248,900	249,600	245,600	229,100	231,700	220,000	49	85	90	11,120,000	19,642,000	19,771,000
Cheatham	2,100	2,600	4,400	2,000	2,400	4,000	40	71	74	80,000	170,000	296,000
Dickson	3,500	3,700	4,700	3,300	3,600	4,000	55	75	73	182,000	269,000	292,000
Hickman	6,800	5,700	6,600	5,100	5,400	6,000	48	69	77	243,000	372,000	462,000
Houston	1,700	1,700	2,100	1,600	1,600	2,000	44	66	78	70,000	106,000	156,000
Humphreys	6,000	7,300	9,500	5,800	6,500	8,000	60	72	81	348,000	467,000	648,000
Lawrence	10,500	15,300	23,000	8,800	9,900	15,000	48	68	92	422,000	673,000	1,378,000
Lewis	1,200	1,600	2,100	1,100	1,500	2,000	28	65	73	31,000	98,000	146,000
Montgomery	14,500	14,800	12,500	13,000	14,000	12,000	61	87	103	793,000	1,223,000	1,234,000
Perry	6,700	6,400	6,400	6,500	6,200	6,000	39	80	81	254,000	499,000	486,000
Robertson	12,000	20,400	23,800	10,900	17,500	20,000	62	106	99	676,000	1,851,000	1,977,000
Stewart	2,600	2,900	2,100	2,500	2,800	2,000	49	81	73	123,000	228,000	146,000
Wayne	6,000	6,000	5,200	5,800	5,900	5,000	50	69	75	290,000	407,000	375,000
District 3	73,600	88,400	102,400	66,400	77,300	86,000	53	82	88	3,512,000	6,363,000	7,596,000
Bedford	13,000	11,500	11,000	8,600	9,000	8,000	35	72	82	301,000	649,000	656,000
Cannon	7,000	9,000	7,900	6,800	8,000	7,000	39	78	88	265,000	624,000	616,000
Clay	4,300	4,600	3,800	4,100	4,500	3,500	29	76	85	119,000	342,000	298,000
Davidson	1,800	1,300	1,800	1,300	1,200	1,500	30	74	90	39,000	89,000	135,000
DeKalb	4,600	4,400	4,100	4,400	4,300	4,000	26	88	85	114,000	377,000	340,000
Giles	15,900	14,500	13,500	10,400	11,500	10,200	42	93	90	437,000	1,065,000	918,000
Jackson	3,800	3,000	3,500	3,700	2,900	3,300	36	76	82	133,000	221,000	271,000
Lincoln	15,900	10,800	13,500	11,700	9,800	11,000	48	86	84	562,000	841,000	924,000
Macon	7,400	7,000	7,500	6,800	6,500	7,000	35	90	85	238,000	583,000	595,000
Marshall	8,800	8,000	9,600	6,500	5,700	6,000	37	78	75	241,000	445,000	450,000
Maury	9,600	9,000	9,000	5,500	5,000	5,000	45	78	78	248,000	390,000	390,000
Moore	1,000	1,200	1,800	900	1,000	1,300	49	68	79	44,000	68,000	103,000
Rutherford	14,700	8,800	13,000	6,100	6,000	7,000	39	79	78	238,000	474,000	546,000
Smith	4,400	4,200	4,400	3,800	3,900	4,000	58	76	84	220,000	297,000	336,000
Sumner	12,500	10,800	15,500	9,500	9,700	14,000	73	90	91	694,000	870,000	1,273,000
Trousdale	2,400	2,200	2,300	2,200	2,000	2,000	51	88	86	112,000	175,000	172,000
Williamson	7,800	5,200	6,800	3,500	3,500	4,000	37	88	89	130,000	307,000	356,000
Wilson	4,100	3,500	7,000	2,700	2,500	5,200	57	88	83	154,000	214,000	432,000
District 4	139,000	119,000	136,000	98,500	97,000	104,000	44	83	85	4,289,000	8,031,000	8,811,000

CORN: Acreage, Yield, and Production—By Counties for 1980, 1981, and 1982

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
			Acres						Bushels			
Bledsoe	9,900	7,300	6,000	6,400	5,500	5,000	21	68	78	134,000	375,000	389,000
Coffee	23,400	19,000	20,000	20,400	16,900	18,000	36	79	89	734,000	1,333,000	1,596,000
Cumberland	6,700	7,000	10,000	4,500	5,000	6,000	40	91	90	180,000	453,000	539,000
Fentress	9,500	9,700	6,600	7,200	7,200	5,000	26	83	97	187,000	596,000	484,000
Franklin	20,000	16,100	17,000	18,000	12,700	13,000	40	65	95	720,000	829,000	1,232,000
Grundy	4,900	3,500	4,000	3,000	2,900	3,000	41	88	89	123,000	254,000	266,000
Marion	3,300	3,000	4,000	2,800	2,500	3,000	40	84	94	112,000	209,000	281,000
Morgan	2,700	3,800	3,000	2,000	3,000	2,000	39	88	91	78,000	263,000	182,000
Overton	7,900	8,200	12,000	5,200	6,600	7,000	28	82	99	146,000	540,000	691,000
Pickett	1,700	2,200	1,700	1,600	2,000	1,500	50	86	93	80,000	171,000	139,000
Putnam	5,000	5,600	5,500	3,700	3,600	4,000	39	79	82	144,000	284,000	327,000
Scott	1,800	1,500	1,500	1,000	800	900	40	76	90	40,000	61,000	81,000
Sequatchie	3,000	2,300	1,900	1,500	1,800	1,500	28	66	98	42,000	119,000	147,000
Van Buren	800	1,200	2,000	700	900	1,600	36	66	68	25,000	59,000	109,000
Warren	14,800	13,600	19,000	12,600	10,500	13,500	27	84	92	340,000	879,000	1,239,000
White	10,600	10,000	7,800	7,400	7,600	6,000	27	84	90	200,000	636,000	539,000
District 5	126,000	114,000	122,000	98,000	89,500	91,000	34	79	91	3,285,000	7,061,000	8,241,000
Anderson	800	¹	¹	300	¹	¹	50	¹	¹	15,000	¹	¹
Blount	7,100	7,400	8,300	4,200	4,300	5,000	63	81	91	265,000	349,000	453,000
Bradley	4,600	4,700	4,700	2,100	2,100	2,000	30	66	81	63,000	138,000	161,000
Campbell	1,200	1,300	1,000	700	800	700	54	83	89	38,000	66,600	62,000
Carter	1,800	1,500	900	1,200	1,200	700	66	68	86	79,000	82,000	60,000
Claiborne	2,500	2,900	3,800	1,900	2,000	2,000	53	78	78	101,000	156,000	155,000
Cocke	7,400	5,700	5,900	3,900	4,500	4,000	62	89	85	242,000	401,000	341,000
Grainger	2,200	2,400	1,900	1,600	1,500	1,000	70	78	82	112,000	117,000	82,000
Greene	13,700	10,500	20,000	5,300	5,300	7,500	54	72	77	286,000	379,000	580,000
Hamblen	4,200	3,500	3,000	2,000	2,000	2,000	77	86	91	154,000	172,000	181,000
Hamilton	2,100	2,600	1,700	1,500	1,600	1,000	27	71	73	41,000	113,000	73,000
Hancock	1,600	1,800	1,100	1,500	1,500	1,000	47	87	78	71,000	131,000	78,000
Hawkins	4,900	4,900	6,800	3,600	3,600	4,000	63	67	72	227,000	239,500	286,000
Jefferson	9,600	6,400	6,000	4,200	4,200	4,000	60	83	99	252,000	349,000	397,000
Johnson	2,000	3,000	4,000	1,400	1,500	2,000	95	115	116	133,000	171,800	231,000
Knox	2,500	2,600	3,100	1,800	1,700	2,000	44	79	96	79,000	135,000	192,000
Loudon	2,800	4,000	4,000	1,000	2,800	3,000	27	82	92	27,000	230,000	277,000
McMinn	11,000	8,800	10,000	3,700	4,300	3,000	28	69	82	104,000	295,000	245,000
Meigs	3,300	3,600	2,000	1,400	1,500	800	39	79	79	55,000	119,000	63,000
Monroe	16,000	11,800	7,000	5,400	5,400	3,000	31	71	90	167,000	386,000	271,000
Polk	9,600	4,800	2,800	3,200	3,200	2,000	39	65	90	125,000	207,000	179,000
Rhea	3,000	4,400	5,000	2,800	3,400	4,000	25	65	91	70,000	220,000	362,000
Roane	3,500	3,100	1,400	1,300	1,400	800	38	59	75	49,000	82,000	60,000
Sevier	5,900	5,800	5,000	5,000	5,000	4,000	45	92	92	225,000	460,000	369,000
Sullivan	5,600	4,100	6,000	2,000	2,400	2,500	74	88	88	148,000	211,000	221,000
Unicoi	650	¹	¹	600	¹	¹	50	¹	¹	30,000	¹	¹
Union	650	700	800	400	400	400	50	82	78	20,000	32,900	31,000
Washington	7,800	10,000	12,000	4,000	4,300	5,000	74	84	83	296,000	362,000	416,000
Other Counties		700	800		600	600		74	83		44,600	50,000
District 6	138,000	123,000	129,000	68,000	72,500	68,000	51	78	86	3,474,000	5,650,000	5,876,000
State	810,000	770,000	800,000	640,000	640,000	630,000	46	84	90	29,440,000	53,760,000	56,700,000

¹Less than 500 acres planted for all purposes, combined with other counties.

CORN: Acreage, Yield, and Production—By Counties for 1983, 1984, and Preliminary 1985

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Dyer	12,300	17,000	19,000	11,300	15,500	18,000	53	100	110	596,000	1,555,000	1,980,000
Lake	800	1,100	5,000	700	1,000	4,800	94	150	140	65,500	150,000	670,000
Lauderdale	1,900	3,000	5,500	1,600	2,600	4,900	64	116	122	103,000	301,000	600,000
Obion	28,300	41,000	55,000	25,100	39,700	53,000	62	113	121	1,560,000	4,495,000	6,415,000
Shelby	1,600	3,000	3,100	1,400	2,600	2,800	41	76	82	57,500	198,000	230,000
Tipton	1,100	1,900	2,400	400	600	1,500	38	35	90	15,000	51,000	135,000
District 1	46,000	67,000	90,000	40,500	62,000	85,000	59	109	118	2,397,000	6,750,000	10,030,000
Benton	6,800	11,000	12,600	5,300	10,000	11,500	33	95	98	174,000	952,000	1,130,000
Carroll	19,100	26,800	29,000	17,900	25,000	27,500	41	97	105	726,000	2,425,000	2,880,000
Chester	3,500	5,400	12,300	3,300	4,800	11,700	42	79	81	140,000	380,000	950,000
Crockett	1,300	1,900	2,000	1,100	1,700	1,800	38	82	94	42,000	139,000	170,000
Decatur	4,800	6,400	8,000	4,100	6,100	7,500	36	90	95	147,000	551,000	710,000
Fayette	7,700	11,000	11,200	6,400	9,100	9,500	46	62	79	296,000	563,000	750,000
Gibson	33,800	47,600	49,000	28,800	44,900	48,000	45	96	106	1,285,000	4,305,000	5,070,000
Hardeman	5,000	9,300	9,500	4,300	7,400	8,500	43	82	82	183,000	605,000	700,000
Hardin	6,900	8,000	12,000	5,600	6,600	10,500	42	86	92	237,000	569,000	970,000
Haywood	5,700	8,700	9,000	4,900	7,000	8,000	38	74	90	185,000	520,000	720,000
Henderson	15,300	22,000	24,000	13,200	20,700	22,500	54	100	102	712,000	2,070,000	2,290,000
Henry	36,300	44,900	51,000	27,300	40,400	48,000	38	109	109	1,030,000	4,405,000	5,210,000
McNairy	6,700	9,400	10,000	6,100	8,500	9,500	57	94	98	346,000	799,000	930,000
Madison	7,500	8,700	9,000	5,400	7,500	8,000	42	89	106	229,000	669,000	850,000
Weakley	31,100	40,300	54,000	28,300	39,000	52,000	37	109	107	1,040,000	4,260,000	5,550,000
District 2	191,500	261,400	302,600	162,000	238,700	284,500	42	97	102	6,772,000	23,212,000	28,880,000
Cheatham	3,000	3,600	4,700	2,500	3,400	4,300	42	84	81	106,000	286,000	350,000
Dickson	4,200	5,000	5,700	3,100	4,200	5,000	38	85	94	117,000	358,000	470,000
Hickman	4,200	5,800	8,000	3,400	5,300	7,500	43	81	91	147,000	430,000	680,000
Houston	1,400	1,800	2,200	1,100	1,700	2,100	38	91	91	41,300	155,000	190,000
Humphreys	6,300	10,300	11,000	4,600	9,600	10,500	39	101	105	181,000	968,000	1,100,000
Lawrence	21,300	25,800	31,000	14,600	20,300	27,000	48	78	88	706,000	1,585,000	2,370,000
Lewis	1,100	2,600	3,000	900	2,500	2,900	37	86	83	33,700	215,000	240,000
Montgomery	10,500	12,000	17,000	7,500	10,200	15,500	42	106	116	317,000	1,080,000	1,800,000
Perry	4,200	7,100	7,300	3,800	6,800	7,100	42	83	90	160,000	566,000	640,000
Robertson	20,000	23,400	28,000	15,000	21,000	24,600	49	111	102	733,000	2,335,000	2,500,000
Stewart	3,000	2,700	3,000	2,600	2,500	2,800	38	82	89	98,000	205,000	250,000
Wayne	4,300	6,000	6,500	3,900	5,800	6,200	44	80	97	172,000	465,000	600,000
District 3	83,500	106,100	127,400	63,000	93,300	115,500	45	93	97	2,812,000	8,648,000	11,190,000
Bedford	11,200	13,500	14,000	6,200	8,400	9,500	47	97	87	293,000	815,000	830,000
Cannon	8,100	9,400	11,500	6,600	8,400	10,000	37	97	89	246,000	816,000	890,000
Clay	3,400	5,000	5,500	2,800	4,500	5,000	42	80	90	118,000	361,000	450,000
Davidson	1,400	1,700	2,000	1,200	1,600	1,800	42	96	83	50,500	154,000	150,000
DeKalb	3,000	4,900	6,400	2,800	4,500	6,000	36	90	90	100,000	404,000	540,000
Giles	12,100	17,500	21,000	9,200	15,000	19,500	47	86	97	435,000	1,290,000	1,900,000
Jackson	2,100	2,800	3,500	1,900	2,500	3,200	42	82	75	80,000	205,000	240,000
Lincoln	12,000	12,500	15,000	8,400	9,100	13,500	50	89	89	418,000	811,000	1,200,000
Macon	6,500	8,900	10,000	5,300	7,600	8,500	42	84	86	224,000	640,000	730,000
Marshall	9,200	12,000	13,000	4,600	7,500	8,500	47	77	86	216,000	579,000	730,000
Maury	5,800	10,400	11,000	2,900	5,300	5,800	55	92	90	160,000	487,000	520,000
Moore	1,000	1,800	2,000	800	1,500	1,600	42	87	88	33,500	131,000	140,000
Rutherford	9,100	12,500	19,000	5,900	10,500	16,500	37	101	79	221,000	1,060,000	1,300,000
Smith	4,600	5,900	6,000	4,000	5,100	5,400	45	84	91	180,000	430,000	490,000
Sumner	11,400	14,000	13,000	10,300	12,300	11,500	43	82	76	445,000	1,010,000	870,000
Trousdale	1,400	1,700	1,600	1,300	1,600	1,400	43	95	89	56,000	152,000	125,000
Williamson	6,600	7,500	8,500	3,600	4,600	6,800	33	96	86	118,000	440,000	585,000
Wilson	6,100	6,500	7,000	3,200	5,000	5,500	33	85	80	106,000	425,000	440,000
District 4	115,000	148,500	170,000	81,000	115,000	140,000	43	89	87	3,500,000	10,210,000	12,130,000

CORN: Acreage, Yield, and Production—By Counties for 1983, 1984, and Preliminary 1985

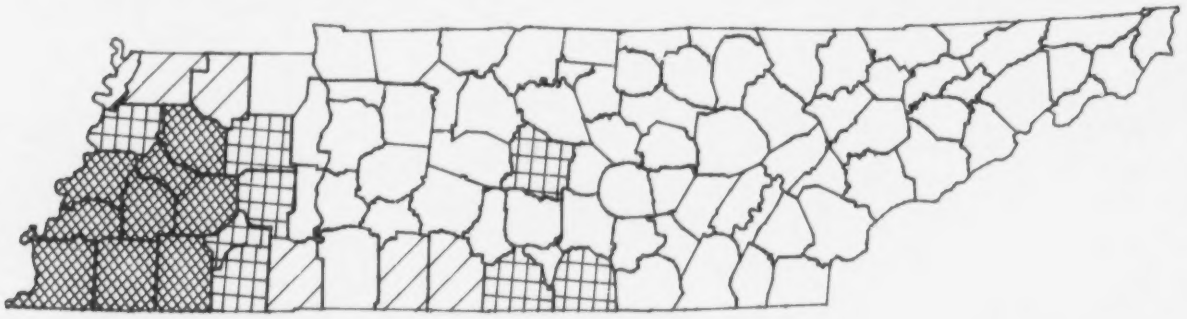
District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
	Acres								Bushels			
Bledsoe	4,300	7,900	6,200	4,100	6,500	5,400	66	92	92	272,000	597,000	495,000
Coffee	14,400	23,800	23,000	12,100	22,000	22,000	48	95	96	584,000	2,080,000	2,110,000
Cumberland	5,000	6,900	5,800	4,200	6,000	5,000	57	97	90	238,000	583,000	450,000
Fentress	6,500	10,400	11,000	6,000	8,400	10,000	52	99	90	312,000	833,000	900,000
Franklin	15,000	16,500	19,000	11,700	15,000	17,700	61	81	105	719,000	1,220,000	1,850,000
Grundy	2,900	4,100	3,800	2,300	3,900	3,200	62	72	103	142,000	252,000	330,000
Marion	2,900	4,200	4,500	2,600	3,800	4,200	71	101	102	184,000	383,000	430,000
Morgan	2,100	3,000	3,000	1,600	2,500	2,700	55	83	85	88,000	207,000	230,000
Overton	7,000	7,000	6,500	5,200	6,200	5,500	49	89	89	256,000	552,000	490,000
Pickett	1,600	1,700	1,600	1,500	1,500	1,400	52	90	96	78,000	135,000	135,000
Putnam	5,800	5,200	5,200	2,800	4,200	4,200	49	84	88	137,000	353,000	370,000
Scott	1,600	2,300	3,000	800	1,400	2,300	57	92	91	45,500	129,000	210,000
Sequatchie	2,100	2,200	2,200	1,600	1,800	1,900	57	101	90	91,500	182,000	170,000
Van Buren	1,400	2,100	1,700	1,200	1,800	1,400	57	87	93	68,000	156,000	130,000
Warren	16,700	21,200	23,000	11,500	16,800	19,600	43	96	93	500,000	1,615,000	1,820,000
White	10,700	12,000	10,500	7,800	7,600	8,500	71	96	98	553,000	733,000	830,000
District 5	100,000	130,500	130,000	77,000	109,000	115,000	55	92	95	4,268,000	10,010,000	10,950,000
Anderson	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹
Blount	7,200	7,800	7,500	4,000	5,500	5,500	56	95	102	223,000	524,000	560,000
Bradley	4,600	4,600	4,000	1,700	1,900	1,500	56	95	97	96,000	181,000	145,000
Campbell	1,000	1,300	1,000	800	900	700	71	111	114	56,500	100,000	80,000
Carter	1,000	900	900	800	700	700	75	91	86	60,000	63,900	60,000
Claiborne	3,100	4,100	3,500	1,900	2,200	1,800	56	95	92	106,000	209,000	165,000
Cocke	7,000	10,000	8,000	4,200	5,500	4,800	61	96	69	255,000	530,000	330,000
Grainger	2,700	2,900	3,000	1,500	1,600	1,500	56	96	100	83,500	154,000	150,000
Greene	14,000	18,900	20,000	5,400	7,000	9,000	66	95	96	354,000	667,000	866,000
Hamblen	3,400	3,600	3,500	1,700	2,000	2,000	56	94	100	96,000	188,000	200,000
Hamilton	2,200	2,200	1,800	1,200	1,200	800	56	97	94	67,500	116,000	75,000
Hancock	1,600	2,500	2,100	1,100	1,800	1,600	55	84	91	60,500	151,000	145,000
Hawkins	5,700	7,700	6,800	3,300	4,600	4,500	52	75	84	171,000	346,000	380,000
Jefferson	5,800	6,700	6,000	3,700	4,200	3,600	53	89	67	195,000	374,000	240,000
Johnson	3,000	3,000	2,500	1,100	1,200	1,400	94	113	107	103,000	136,000	150,000
Knox	2,500	3,300	3,200	1,400	2,100	2,000	61	94	80	85,000	197,000	160,000
Loudon	4,700	5,000	5,000	2,300	2,700	3,000	47	96	95	108,000	259,000	285,000
McMinn	7,500	9,000	10,000	2,100	3,900	4,100	55	90	85	115,000	351,000	350,000
Meigs	4,400	4,300	4,000	1,600	2,000	1,900	52	97	90	82,500	194,000	170,000
Monroe	5,200	5,400	5,500	1,900	2,500	2,600	52	89	87	98,000	223,000	225,000
Polk	2,600	3,500	3,100	1,300	2,100	1,700	66	101	97	85,500	212,000	165,000
Rhea	4,000	4,800	4,500	3,000	3,500	3,000	52	96	90	155,000	336,000	270,000
Roane	1,400	1,400	1,500	800	800	1,100	52	96	86	41,200	77,000	95,000
Sevier	4,100	4,900	4,000	3,100	3,900	3,100	56	101	74	174,000	394,000	230,000
Sullivan	5,200	6,000	6,600	2,200	2,500	3,000	75	81	83	165,000	203,000	250,000
Unicoi	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹	¹
Union	700	800	800	400	500	600	65	92	85	26,100	46,000	51,000
Washington	8,700	11,000	10,500	3,600	4,600	4,000	56	95	90	202,000	438,000	360,000
Other Counties	700	900	700	400	600	500	68	84	86	27,200	50,100	43,000
District 6	114,000	136,500	130,000	56,500	77,400	70,000	58	93	89	3,291,000	6,720,000	6,200,000
State	650,000	850,000	950,000	480,000	710,000	810,000	48	95	98	23,040,000	65,550,000	79,380,000

¹Less than 500 acres planted for all purposes, combined with other counties.

COTTON: 1985 PRODUCTION

The 1985 cotton season was characterized by very good planting and harvesting conditions with better than normal summer growth and development. On May 12, 65 percent of the crop was planted, which was 2 days ahead of average and 5 days ahead of the 1984 crop. By June 2, cotton planting was complete and it was a week and a half ahead of average progress, Cotton squaring began in mid-June and proceeded on schedule with a year earlier. The cotton crop started setting bolls the last week of June and was complete by mid-August. Boll development continued 5 days ahead of average progress and 10 days ahead of last year until mid-September harvest began. Harvest began ahead of last year and on schedule with average. Harvest was complete by November 1.

The 1985 cotton production was 419 thousand bales compared with last year's 337 thousand bales. A total of 335 thousand acres of cotton were harvested in 1985. Yield per acre was 600 pounds per acre compared with 498 in 1984.



TOP FIVE COUNTIES

1.	CROCKETT	97,000 bales
2.	HAYWOOD	84,500 bales
3.	FAYETTE	42,000 bales
4.	MADISON	39,000 bales
5.	TIPTON	38,700 bales

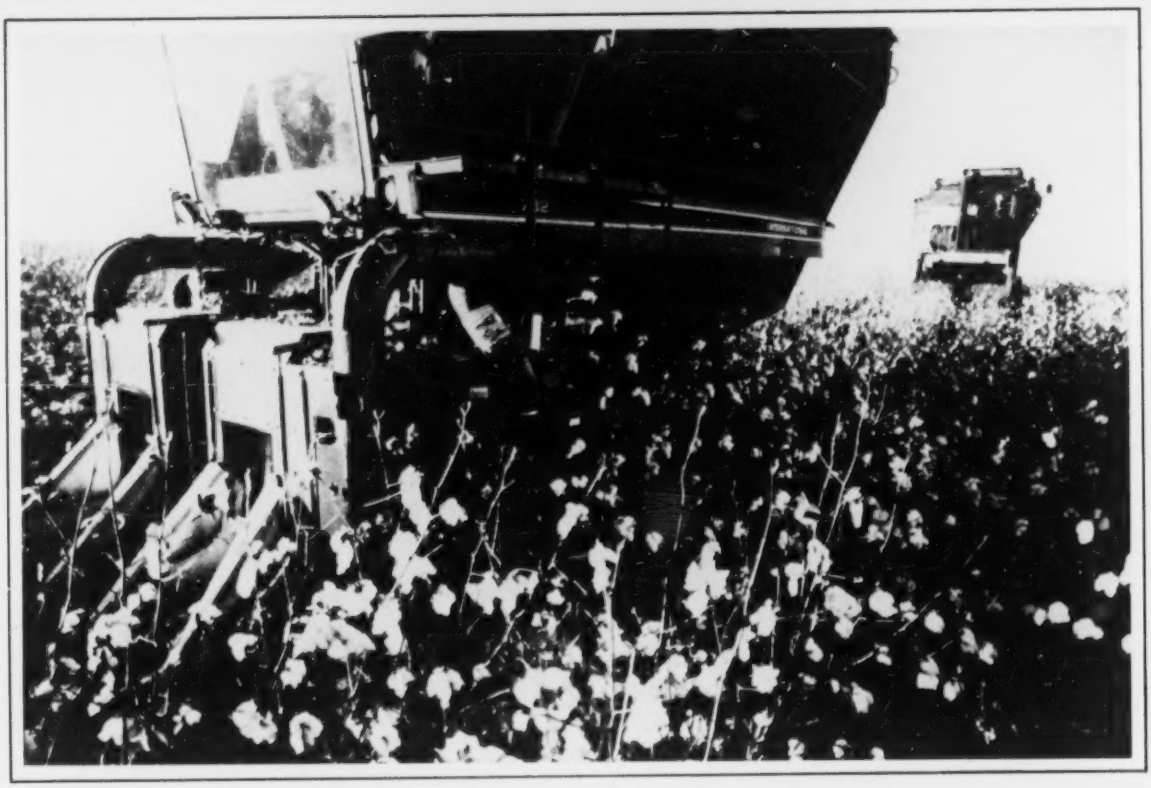
480 lb. BALES

- UNDER 300
- 300-999
- 1,000-9,999
- 10,000 AND OVER

COTTON: ACREAGE, YIELD, AND PRODUCTION, TENNESSEE, 1978-85

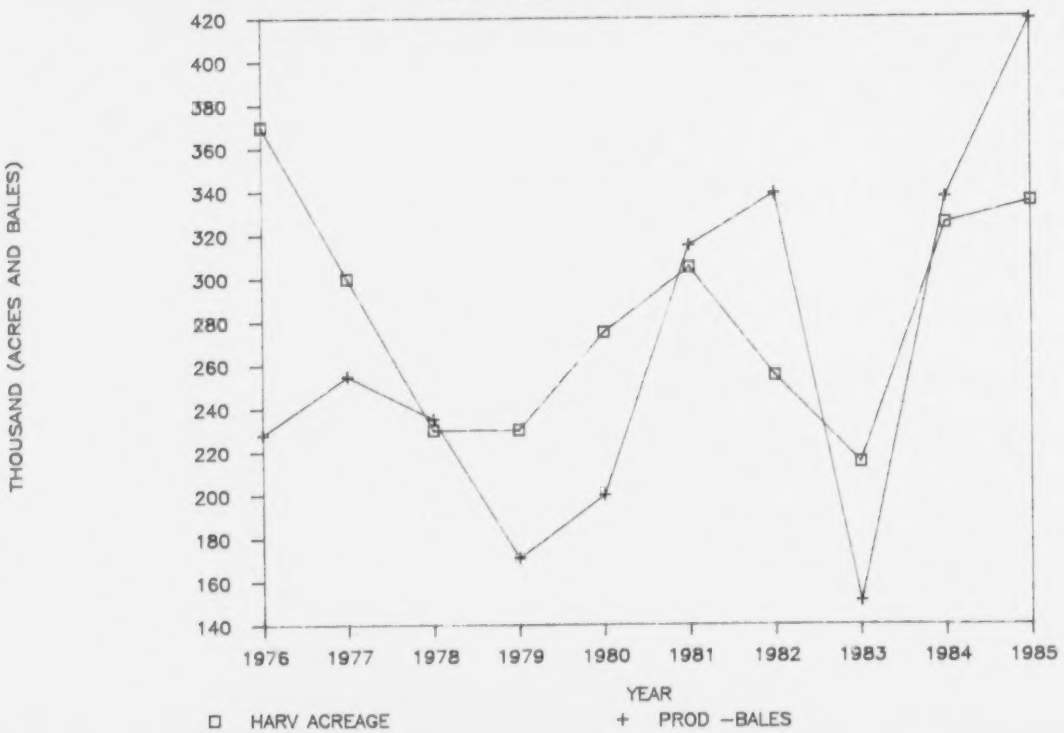
Year	Acreage		Lint Yield Per Harv. Acre	Production		Ginnings as Reported by Census
	Planted Acres	Harvested Acres	Pounds	Lint Bales[1]	Seed Tons	Bales[1]
1978	250,000	230,000	490	235,000	94,000	234,048
1979	250,000	230,000	357	171,000	71,000	170,686
1980	290,000	275,000	349	200,000	82,000	197,844
1981	325,000	305,000	496	315,000	127,000	311,220
1982	260,000	255,000	638	339,000	132,000	336,733
1983	220,000	215,000	337	151,000	60,000	149,567
1984	340,000	325,000	498	337,000	133,000	335,932
1985	340,000	335,000	600	419,000	160,000	415,480

[1]Production is given in 480-pound net weight bales.



COTTON: HARVESTED ACREAGE & PRODUCTION

TENNESSEE, 1976-1985



Cotton

COTTONSEED: PRODUCTION, FARM DISPOSITION, SALES, AND VALUE, TENNESSEE, 1977-85

Crop Year	Farm Disposition				Price Per Ton	Value	
	Production	Sales to Oil Mills	Other[2]	Used for Planting[3]		Production	Sales to Oil Mills
	1,000 Tons				Dollars	1,000 Dollars	
1977	100	91	9	4.1	74.50	7,450	6,780
1978	94	90	4	3.9	111.00	10,434	9,990
1979	71	66	5	3.4	131.00	9,301	8,646
1980	82	76	6	3.9	128.00	10,496	9,728
1981	127	118	9	4.1	79.00	10,033	9,322
1982	132	113	19	7.2	69.00	9,108	7,797
1983	60	50	10	4.6	161.00	9,660	8,050
1984	133	124	9	4.6	90.50	12,037	11,222
1985[1]	160	155	5	3.5	53.00	8,480	8,215

[1]1985 crop preliminary. [2]Includes planting seed, exports, inter-farm sales, shrinkage, losses and other uses. [3]Included in "Other" farm disposition. Planting seed from previous year's crop.

COTTON: PRICE AND VALUE, TENNESSEE, 1977-85

Year	Lint		Cottonseed		Combined Total Value of Lint and Cottonseed
	Season Average Price Per Lb.	Total Farm Value of Production	Season Average Price Per Ton	Total Farm Value	
	Cents	Thous. Dol.	Dollars	Thous. Dol.	Thous. Dol.
1977	49.00	59,976	74.50	7,450	67,426
1978	61.20	69,034	111.00	10,434	79,468
1979	62.90	51,628	131.00	9,301	60,929
1980	78.30	75,168	128.00	10,496	85,664
1981	53.10	80,287	79.00	10,033	90,320
1982	57.70	93,889	69.00	9,108	102,997
1983	68.50	49,649	161.00	9,660	59,309
1984	56.20	90,909	90.50	12,037	102,946
1985[1]	53.20	106,996	53.00	8,480	115,476

[1]Average to April 1, 1986 with no allowance for unredeemed loans.

COTTON: Acreage, Yield and Production—By Counties for 1984 and 1985

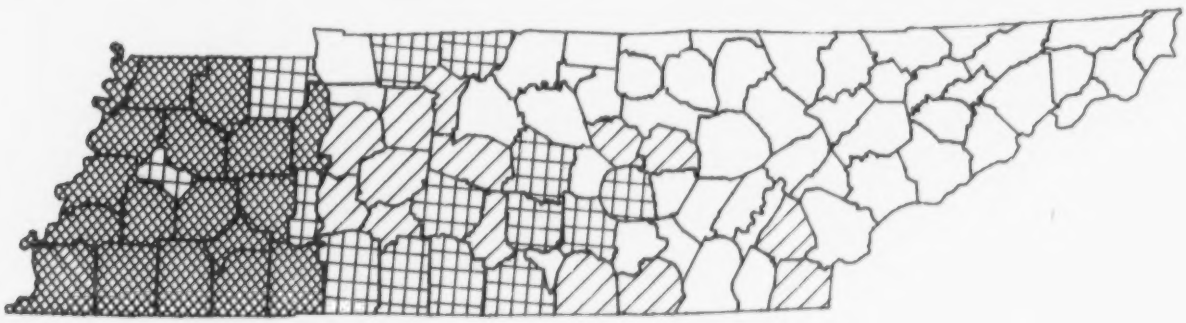
District and County	Acres Planted		Acres Harvested		Yield Per Harv. Acre		Production 480 Lb. Net Wt.	
	1984	1985	1984	1985	1984	1985	1984	1985
	Acres		Acres		Pounds		Bales	
Dyer	9,100	8,800	8,700	8,620	508	512	9,200	9,200
Lake	265	550	260	540	591	631	320	710
Lauderdale	11,800	13,700	10,900	13,400	502	609	11,400	17,000
Obion	1,120	850	1,050	840	521	509	1,140	890
Shelby	18,600	17,800	18,000	17,600	480	614	18,000	22,500
Tipton	32,000	29,700	30,000	29,500	456	630	28,500	38,700
District 1	72,885	71,400	68,910	70,500	478	606	68,560	89,000
Carroll	3,700	5,600	3,500	5,400	453	524	3,300	5,900
Chester	2,500	2,600	2,350	2,500	347	422	1,700	2,200
Crockett	68,500	70,000	66,000	69,700	564	668	77,500	97,000
Fayette	38,000	37,000	36,000	36,000	467	560	35,000	42,000
Gibson	28,400	26,000	27,000	25,500	469	506	26,400	26,900
Hardeman	15,500	17,000	14,900	16,500	451	524	14,000	18,000
Hardin	300	330	280	320	411	480	240	320
Haywood	67,000	67,000	64,400	66,500	499	610	67,000	84,500
Henderson	1,320	1,400	1,250	1,370	557	627	1,450	1,790
McNairy	2,100	3,050	2,000	3,000	348	566	1,450	3,540
Madison	32,700	31,300	31,500	30,500	518	614	34,000	39,000
Weakley	505	720	495	710	475	575	490	850
District 2	260,525	262,000	249,675	258,000	505	599	262,530	322,000
Lawrence	360	365	330	365	436	427	300	325
Other Counties		25		25		480		25
District 3	360	390	330	390	436	431	300	350
Giles	270	430	265	420	471	480	260	420
Lincoln	1,910	1,970	1,850	1,940	441	624	1,700	2,520
Rutherford	1,910	1,550	1,850	1,520	337	524	1,300	1,660
District 4	4,090	3,950	3,965	3,880	395	569	3,260	4,600
Franklin	2,140	2,260	2,120	2,230	532	657	2,350	3,050
District 5	2,140	2,260	2,120	2,230	532	657	2,350	3,050
State	340,000	340,000	325,000	335,000	498	600	337,000	419,000

SORGHUM: 1985 PRODUCTION

Grain sorghum acreage increased sharply in 1985 to 480,000 acres, a 71 percent jump from a year earlier and over ten times the planted acreage just 6 years ago. Planting began in late April in West Tennessee and was completed in Middle and East Tennessee by early July. The crop was rated in mostly good condition throughout the growing season. Harvesting began in late August and was 95 percent completed by early November.

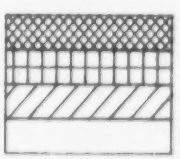
The average yield of grain sorghum for the State in 1985 was 80 bushels per acre, equaling the record set just one year earlier but well above the 5-year average of 62 bushels. The 1985 production total of 37,200,000 bushels was the highest on record.

Sorghum silage production was almost 8 percent more than a year earlier due entirely to better yields. The 14 tons per acre average yield was the highest on record.



TOP FIVE COUNTIES

1.	DYER	7,770,000 bu.
2.	GIBSON	5,300,000 bu.
3.	OBION	2,310,000 bu.
4.	LAUDERDALE	2,290,000 bu.
5.	WEAKLEY	2,100,000 bu.



BUSHELS

UNDER 30,000

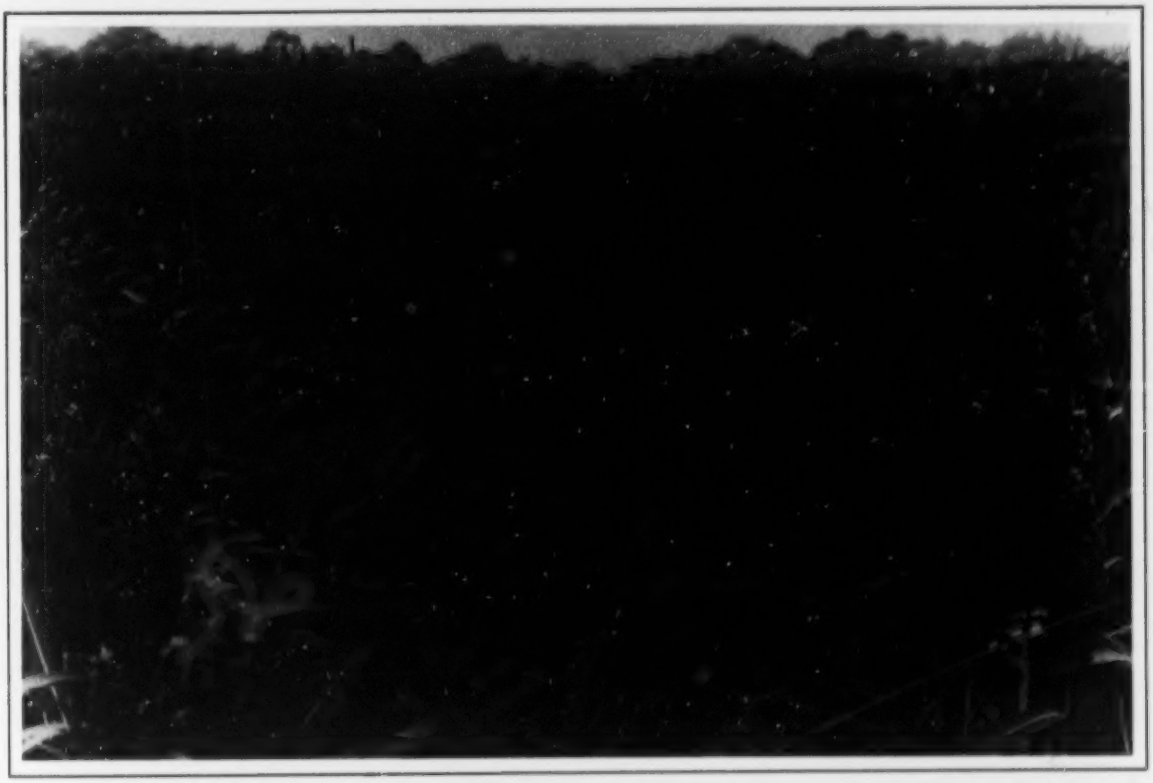
30,000-100,000

100,000-500,000

500,000 AND OVER

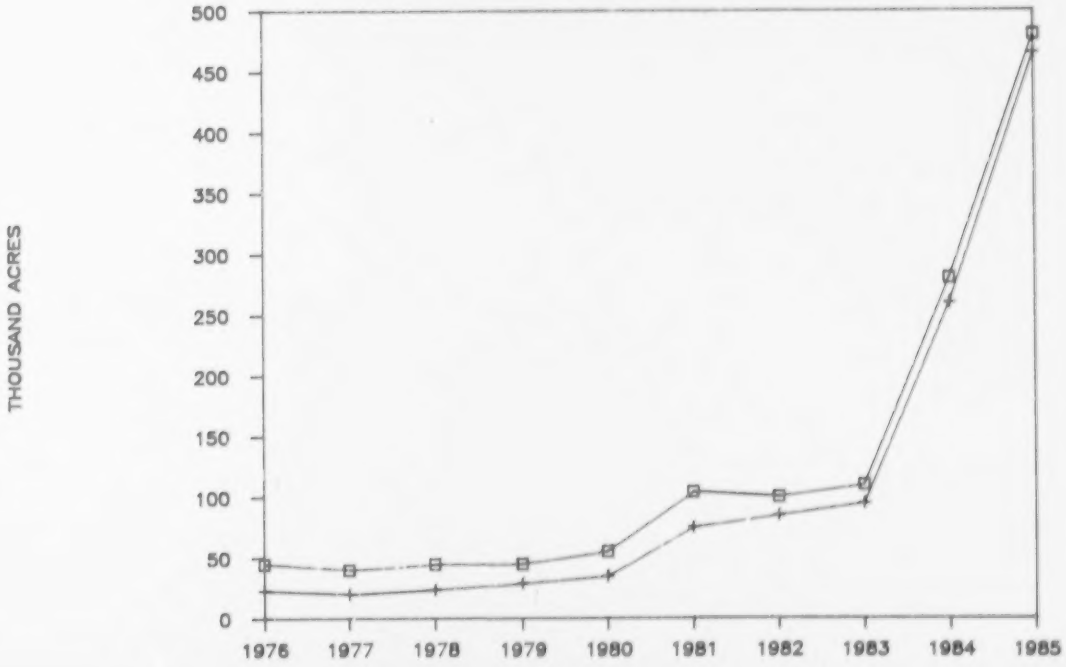
SORGHUM: ACREAGE, YIELD PRODUCTION, AND VALUE TENNESSEE, 1978-85

Year	Grain						Silage		
	All Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value	Acres Harvested	Yield	Production
	1,000 Acres		Bushels	1,000 Bushels	Dollars	1,000 Dollars	1,000 Acres	Tons	1,000 Tons
1978	45	24	51	1,224	2.24	2,742	11	10.5	116
1979	45	29	51	1,479	2.34	3,461	6	12.0	72
1980	55	35	50	1,750	2.97	5,198	12	11.0	132
1981	104	75	62	4,650	2.21	10,277	9	12.0	108
1982	100	85	65	5,525	1.98	10,940	3	13.0	39
1983	110	95	53	5,035	2.96	14,904	6	12.0	72
1984	280	260	80	20,800	2.25	46,800	6	13.0	78
1985	480	465	80	37,200	2.10	78,120	6	14.0	84



SORGHUM: PLANTED & HARVESTED FOR GRAIN

TENNESSEE, 1976-1985



Sorghum

SORGHUM: Acreage, Yield, and Production—By Counties for 1980, 1981, and 1982

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
			Acres						Bushels			
Dyer	1,500	9,600	11,000	1,200	7,000	9,000	43	70	84	51,000	493,000	755,000
Lake	'	2,300	3,400	'	1,700	3,000	'	82	76	'	140,000	229,000
Lauderdale	'	2,100	2,300	'	1,600	2,000	'	63	66	'	100,000	131,000
Obion	'	1,800	2,300	'	1,400	2,000	'	66	79	'	93,000	158,000
Shelby	'	3,100	4,500	'	2,200	4,000	'	58	49	'	128,000	195,000
Tipton	'	900	3,500	'	700	3,000	'	76	71	'	53,000	214,000
Other Counties	1,700			1,200			48			57,000		
District 1	3,200	19,800	27,000	2,400	14,600	23,000	45	69	73	108,000	1,007,000	1,682,000
Benton	1,300	850	850	1,000	600	800	46	62	65	45,500	37,000	52,000
Carroll	'	3,000	3,400	'	2,200	2,700	'	61	58	'	134,000	157,000
Chester	3,300	6,100	5,800	2,100	4,900	5,300	49	57	62	103,000	279,000	331,000
Crockett	'	1,700	2,000	'	1,400	1,600	'	66	69	'	92,000	110,000
Decatur	1,300	1,800	650	1,000	1,500	600	49	52	67	48,500	78,000	40,200
Fayette	4,600	10,600	8,700	3,000	7,900	7,900	51	60	63	153,000	471,000	496,000
Gibson	3,300	6,400	6,500	2,100	5,300	6,000	53	62	71	111,000	326,000	427,000
Hardeman	7,400	10,300	7,100	4,500	8,100	6,500	48	66	60	216,000	534,000	393,000
Hardin	2,200	2,300	2,400	1,700	1,800	2,000	48	62	64	82,000	112,000	128,000
Haywood	'	5,200	2,500	'	4,000	2,200	'	61	56	'	244,000	123,000
Henderson	'	2,100	2,000	'	1,600	1,600	'	57	67	'	91,000	107,000
Henry	2,900	1,000	1,600	1,800	800	1,300	52	59	67	94,000	47,000	87,000
McNairy	4,000	9,900	8,000	2,500	7,200	7,100	52	56	56	130,000	403,000	395,000
Madison	1,500	4,300	3,400	950	3,100	2,700	51	62	63	48,000	192,000	170,000
Weakley	1,500	3,900	5,000	950	3,000	4,100	58	68	75	55,000	204,000	308,000
Other Counties	3,000			2,100			52			110,000		
District 2	36,300	69,400	59,900	23,700	53,400	52,400	51	61	63	1,196,000	3,244,000	3,324,200
Hickman	'	500	'	'	300	'	'	57	'	'	17,000	'
Lawrence	'	2,000	1,900	'	1,600	1,700	'	61	59	'	98,000	100,300
Robertson	700	'	'	550	'	'	54	'	'	29,500	'	'
Wayne	650	'	'	500	'	'	44	'	'	22,000	'	'
Other Counties	2,050	1,950	2,200	1,450	700	1,800	48	59	56	69,500	41,000	100,500
District 3	3,400	4,450	4,100	2,500	2,600	3,500	48	60	57	121,000	156,000	200,800
Bedford	950	1,700	1,500	450	800	1,200	51	53	48	23,000	42,000	57,600
Giles	1,600	600	'	900	300	'	51	57	'	46,000	17,000	'
Lincoln	2,300	600	700	1,100	300	600	50	63	57	55,000	19,000	34,200
Marshall	'	500	700	'	200	550	'	45	67	'	9,000	36,850
Maury	1,900	600	600	900	300	450	48	50	65	43,000	15,000	29,250
Williamson	'	550	'	'	400	'	'	48	'	'	19,000	'
Other Counties	1,750	1,250	2,500	1,050	100	1,300	50	60	52	53,000	6,000	68,100
District 4	8,500	5,800	6,000	4,400	2,400	4,100	50	53	55	220,000	127,000	226,000
Warren	'	'	600	'	'	500	'	'	57	'	'	28,500
Other Counties	1,700	2,400	1,400	1,000	1,100	900	49	58	42	49,000	64,000	37,500
District 5	1,700	2,400	2,000	1,000	1,100	1,400	49	58	47	49,000	64,000	66,000
Other Counties	1,900	2,100	1,000	1,000	900	600	56	58	43	56,000	52,000	26,000
District 6	1,900	2,100	1,000	1,000	900	600	56	58	43	56,000	52,000	26,000
State	55,000	104,000	100,000	35,000	75,000	85,000	50	62	65	1,750,000	4,650,000	5,525,000

'Less than 500 acres planted for all purposes, combined with other counties.

SORGHUM: Acreage, Yield, and Production—By Counties for 1983, 1984, and Preliminary 1985

District and County	Planted for All Purposes			Harvested For Grain			Yield Per Harv. Acre			Production for Grain		
	1983	1984	1985	1983	1984	1985	1983	1984	1985	1983	1984	1985
			Acres						Bushels			
Dyer	11,800	43,500	85,000	11,100	42,300	84,600	64	90	92	711,000	3,807,000	7,770,000
Lake	3,200	8,200	13,000	3,200	8,000	12,900	84	96	90	269,000	768,000	1,160,000
Lauderdale	4,300	13,500	25,000	4,200	13,000	24,900	67	91	92	282,000	1,183,000	2,290,000
Obion	5,200	18,000	25,000	5,000	17,700	24,900	62	95	93	310,000	1,682,000	2,310,000
Shelby	2,700	6,300	12,000	2,500	6,000	11,900	55	73	73	137,000	438,000	870,000
Tipton	3,100	9,000	20,000	3,000	8,500	19,800	42	88	86	126,000	748,000	1,700,000
District 1	30,300	98,500	180,000	29,000	95,500	179,000	63	90	90	1,835,000	8,626,000	16,100,000
Benton	1,700	5,200	6,500	1,300	4,850	6,200	30	75	82	39,000	364,000	505,000
Carroll	3,500	8,500	13,000	2,800	8,000	12,500	47	78	76	131,000	624,000	950,000
Chester	5,800	7,400	10,000	5,500	7,000	9,800	63	80	64	346,000	560,000	630,000
Crockett	1,800	3,200	5,000	1,700	3,000	4,900	31	82	80	53,000	246,000	390,000
Decatur	1,300	4,200	5,000	1,200	4,000	4,900	25	69	69	30,000	276,000	340,000
Fayette	9,000	14,000	26,000	8,200	13,400	25,500	54	73	67	444,000	978,000	1,700,000
Gibson	9,100	30,000	68,000	7,800	29,000	67,000	61	86	79	474,000	2,494,000	5,300,000
Hardeman	7,400	10,500	14,000	6,700	10,000	13,500	45	72	68	300,000	720,000	920,000
Hardin	2,300	10,600	16,000	2,000	9,500	15,500	38	75	65	75,500	713,000	1,000,000
Haywood	2,600	7,200	11,500	2,300	7,000	11,300	48	66	76	110,000	462,000	860,000
Henderson	2,100	8,000	11,500	1,700	7,800	11,100	48	67	66	82,000	523,000	730,000
Henry	1,700	2,800	6,000	1,400	2,500	5,800	31	70	78	43,000	175,000	450,000
McNairy	8,300	8,100	11,000	7,300	7,500	10,500	52	67	62	381,000	503,000	650,000
Madison	3,500	6,300	9,000	2,800	6,000	8,600	46	65	78	129,000	390,000	670,000
Weakley	4,700	10,000	25,000	4,300	9,800	24,500	42	90	86	180,000	882,000	2,100,000
District 2	64,800	136,000	237,500	57,000	129,350	231,600	49	77	74	2,817,500	9,910,000	17,195,000
Cheatham	1	1	500	1	1	450	1	1	73	1	1	33,000
Dickson	1	1	500	1	1	450	1	1	76	1	1	34,000
Hickman	1	1	1,000	1	1	850	1	1	74	1	1	63,000
Humphreys	1	550	800	1	500	750	1	66	68	1	33,000	51,000
Lawrence	2,000	5,000	7,000	1,700	4,500	6,800	40	67	69	68,000	302,000	469,000
Lewis	1	1	800	1	1	700	1	1	70	1	1	49,000
Montgomery	1	1,800	1,500	1	1,500	1,400	1	90	93	1	135,000	130,000
Perry	1	1	800	1	1	700	1	1	75	1	1	52,500
Robertson	1	1,200	1,500	1	1,000	1,400	1	90	93	1	90,000	130,000
Wayne	1	3,000	2,500	1	2,500	2,400	1	66	75	1	165,000	180,000
Other Counties	1,700	1,450	600	1,500	1,050	500	38	65	67	56,500	68,000	33,500
District 3	3,700	13,000	17,500	3,200	11,050	16,400	39	72	75	124,500	793,000	1,225,000
Bedford	2,300	4,000	4,500	1,300	3,000	4,000	53	62	73	69,000	186,000	290,000
Cannon	1	1	500	1	1	400	1	1	65	1	1	26,000
DeKalb	1	1,300	1,500	1	1,000	1,300	1	60	69	1	60,000	90,000
Giles	800	2,000	2,700	500	1,500	2,300	42	68	67	21,000	102,000	155,000
Lincoln	1	2,500	3,000	1	2,000	2,800	1	65	75	1	130,000	210,000
Marshall	1	1,100	1,500	1	700	1,200	1	60	65	1	42,000	78,000
Maury	1	1,500	3,000	1	1,200	2,700	1	67	76	1	80,500	205,000
Rutherford	900	3,900	8,000	550	3,000	6,700	47	69	71	26,000	207,000	475,000
Williamson	500	1,800	1,800	300	1,300	1,500	50	68	64	15,000	88,500	96,000
Other Counties	1,500	900	1,500	950	600	1,100	44	57	68	42,000	34,000	75,000
District 4	6,000	19,000	28,000	3,600	14,300	24,000	48	65	71	173,000	930,000	1,700,000
Coffee	1	1,800	2,000	1	1,500	1,900	1	59	71	1	88,500	135,000
Franklin	1	1	900	1	1	800	1	1	75	1	1	60,000
Marion	700	700	1,200	400	600	1,100	35	50	75	14,000	30,000	82,000
Warren	800	7,600	4,900	450	6,000	4,400	40	56	71	18,000	336,000	312,000
White	1	1	1,000	1	1	800	1	1	61	1	1	49,000
Other Counties	1,500	900	2,000	850	500	1,500	34	53	61	29,000	26,500	92,000
District 5	3,000	11,000	12,000	1,700	8,600	10,500	36	56	70	61,000	481,000	730,000
McMinn	1	1	700	1	1	500	1	1	72	1	1	36,000
Polk	700	1,000	800	150	600	600	47	51	68	7,000	30,600	41,000
Other Counties	1,500	1,500	3,500	350	600	2,400	49	49	72	17,000	29,400	173,000
District 6	2,200	2,500	5,000	500	1,200	3,500	48	50	71	24,000	60,000	250,000
State	110,000	280,000	480,000	95,000	260,000	465,000	53	80	80	5,035,000	20,800,000	37,200,000

[1]Less than 500 acres planted for all purposes, combined with other counties.

OTHER FIELD CROPS

Tennessee farmers produced 3,156,000 tons of hay in 1985. Acreage harvested was 1,620,000, up from last year's harvested acreage of 1,500,000. The average yield was 1.95 tons per acre. Alfalfa hay averaged 3.80 tons per acre while other hay averaged 1.80 tons per acre. On-farm stocks of hay on January 1, 1985 amounted to 1,901,000 tons, up 33 percent from the previous year. Irish potato production totaled 375,000 ctw. up 39 percent from the previous year. The crop averaged 150 cwt. per acre and was valued at $2,850,000. Sweet potato production amounted to 165,000 cwt., up 74 percent from 1984's production. The 1985 sweet potato crop was valued at $1,914,000.

HAY BY KINDS: ACREAGE, YIELD, AND PRODUCTION, TENNESSEE, 1978-85

Year	Alfalfa and Alfalfa Mixtures			All Other Hay		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	1,000 Acres	Tons	1,000 Tons	1,000 Acres	Tons	1,000 Tons
1978	105	2.40	252	1,145	1.45	1,660
1979	105	2.50	263	1,135	1.55	1,759
1980	105	2.40	252	1,080	1.40	1,512
1981	115	2.50	288	1,155	1.55	1,790
1982	130	3.00	390	1,200	1.50	1,800
1983	140	2.50	350	1,210	1.40	1,694
1984	150	3.00	450	1,350	1.65	2,228
1985	120	3.80	456	1,500	1.80	2,700

ALL HAY: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-85

Year	Acreage Harvested	Yield Per Acre	Total Production	Seasonal Avg. Price	Value
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1978	1,250	1.53	1,912	50.00	95,600
1979	1,240	1.63	2,022	50.50	102,111
1980	1,185	1.49	1,764	46.00	81,144
1981	1,270	1.64	2,078	49.00	101,822
1982	1,330	1.65	2,190	47.50	104,025
1983	1,350	1.51	2,044	49.50	101,178
1984	1,500	1.79	2,678	52.00	139,256
1985	1,620	1.95	3,156	52.00	164,112

HAY STOCKS: TENNESSEE, 1978-85

Year	Jan. 1	Percent of Production	May 1	Percent of Production
	1,000 Tons		1,000 Tons	
1978	1,329	73.0	291	16.0
1979	1,472	77.0	421	22.0
1980	1,658	82.0	566	28.0
1981	1,305	74.0	335	19.0
1982	1,559	75.0	520	25.0
1983	1,730	79.0	416	19.0
1984	1,431	70.0	368	18.0
1985	1,901	71.0	482	19.0

OATS: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-85[1]

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Season Average Price	Total Farm Value
	Thous. Acres		Bushels	Thous. Bushels	Dollars	Thous. Dol.
1978	58	15	45.0	675	1.75	1,181
1979	51	16	41.0	656	1.80	1,181
1980	45	12	46.0	552	2.00	1,104
1981	50	16	51.0	816	2.40	1,958
1982	40	8	47.0	376	2.30	865
1983	35	7	44.0	308	2.15	662
1984	30	5	47.0	235	2.40	564
1985						

[1]Estimates discontinued

IRISH POTATOES: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-85

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Season Average Price	Total Farm Value
	Thous. Acres		Cwt.	Thous. Cwt.	Dollars	Thous. Dol.
1978	3.2	3.2	105	336	7.25	2,436
1979	3.3	3.3	105	347	7.95	2,759
1980	2.8	2.8	70	196	7.60	1,490
1981	3.1	3.1	90	279	9.80	2,734
1982	2.7	2.7	95	257	8.50	2,185
1983	2.5	2.5	70	175	8.50	1,488
1984	3.0	3.0	90	270	9.40	2,538
1985	2.5	2.5	150	375	7.60	2,850

SWEET POTATOES: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-85

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Season Average Price	Total Farm Value
	Thous. Acres		Cwt.	Thous. Cwt.	Dollars	Thous. Dol.
1978	1.5	1.5	100	150	9.65	1,448
1979	2.0	2.0	105	210	11.10	2,331
1980	2.0	2.0	80	160	14.80	2,368
1981	1.8	1.8	80	144	15.20	2,189
1982	1.5	1.5	85	128	10.20	1,306
1983	1.4	1.4	80	112	14.20	1,590
1984	1.0	1.0	95	95	13.90	1,321
1985	6.1	1.1	150	165	11.60	1,914

Grain Stocks

GRAIN STOCKS: SPECIFIED CROPS BY STORAGE POSITION, TENNESSEE

JANUARY 1 & APRIL 1, 1975-85

Year	January 1 On Farm	January 1 Off Farm[1]	January 1 Total	April 1 On Farm	April 1 Off Farm[1]	April 1 Total
			1,000 Bushels			
			SOYBEANS			
1975	6,384	14,922	21,306	5,107	6,473	11,580
1976	10,175	20,716	30,891	6,475	12,040	18,515
1977	6,075	20,029	26,104	2,228	13,772	16,000
1978	11,999	17,415	29,414	5,739	9,137	14,876
1979	15,355	21,175	36,530	5,687	13,836	19,523
1980	20,515	30,085	50,600	12,026	15,160	27,186
1981	13,311	25,326	38,637	7,344	9,444	16,788
1982	15,863	19,501	35,364	6,463	6,684	13,147
1983	17,676	16,925	34,601	6,705	9,505	16,210
1984	9,456	10,677	20,133	4,728	4,633	9,361
1985	14,911	10,842	25,753	9,620	4,257	13,877
			CORN			
1975	19,054	2,647	21,701	11,366	1,918	13,284
1976	20,664	2,349	23,013	11,808	2,548	14,356
1977	30,488	3,536	34,024	18,175	3,097	21,272
1978	29,784	4,010	33,794	15,885	3,425	19,310
1979	26,413	3,904	30,317	15,484	3,377	18,861
1980	33,201	3,295	36,496	18,445	2,960	21,405
1981	19,725	5,335	25,060	8,832	3,495	12,327
1982	30,643	5,151	35,794	16,666	4,354	21,020
1983	32,886	6,438	39,324	17,010	6,376	23,386
1984	14,054	5,137	19,191	8,294	4,907	13,201
1985	36,053	5,857	41,910	22,287	5,047	27,334
			WHEAT			
1975	827	3,731	4,558	455	1,129	1,584
1976	1,172	5,331	6,503	502	2,689	3,191
1977	999	4,845	5,844	555	1,895	2,450
1978	1,109	5,550	6,659	756	1,912	2,668
1979	441	3,665	4,106	315	1,718	2,033
1980	595	4,178	4,773	340	1,900	2,240
1981	745	5,458	6,203	372	2,760	3,132
1982	3,366	8,095	11,461	1,309	2,760	4,069
1983	3,287	8,647	11,934	1,345	3,434	4,779
1984	3,168	9,821	12,989	1,782	3,983	5,765
1985	2,354	8,022	10,376	1,070	3,821	4,891
			SORGHUM			
1975	651	*	*	295	*	*
1976	736	76	812	387	35	422
1977	777	144	921	335	63	398
1978	612	78	690	235	*	*
1979	796	*	*	367	*	*
1980	991	4	995	518	16	534
1981	1,138	*	*	473	*	*
1982	1,628	*	*	698	*	*
1983	1,602	*	*	718	*	*
1984	655	*	*	504	519	1,023
1985	3,952	*	*	1,872	732	2,604

*Confidential to avoid disclosing individual operations.
[1]Includes stocks at mills, elevators, warehouses, terminals, and processors.

GRAIN STOCKS: SPECIFIED CROPS BY STORAGE POSITION, TENNESSEE

JUNE 1 & OCTOBER 1, 1975-85

Year	June 1[1] On Farm	June 1[1] Off Farm[3]	June 1[1] Total	October 1[2] On Farm	October 1[2] Off Farm[3]	October 1[2] Total
	1,000 Bushels					
			SOYBEANS			
1975	2,873	1,038	3,911	958	1,250	2,208
1976	3,238	7,538	10,776	694	3,006	3,700
1977	1,215	9,728	10,943	405	1,886	2,291
1978	2,609	5,080	7,689	1,043	3,323	4,366
1979	2,844	5,785	8,629	853	1,641	2,494
1980	8,489	5,874	14,363	2,830	2,775	5,605
1981	4,361	4,538	8,899	1,836	1,840	3,676
1982	3,819	2,944	6,763	1,293	1,165	2,458
1983	4,267	4,599	8,866	1,524	2,514	4,038
1984	1,576	3,391	4,967	630	1,483	2,113
1985	5,772	2,058	7,830	3,367	1,169	4,536
			CORN			
1975	6,686	1,178	7,864	2,507	281	2,788
1976	7,749	1,920	9,669	2,583	184	2,767
1977	12,899	1,800	14,699	5,277	302	5,579
1978	11,417	2,429	13,846	4,466	510	4,978
1979	11,385	2,725	14,110	4,099	980	5,079
1980	15,283	2,005	17,288	5,797	593	6,390
1981	7,066	3,250	10,316	2,355	1,042	3,397
1982	13,440	2,882	16,322	3,494	1,716	5,210
1983	8,505	5,824	14,329	4,536	2,820	7,356
1984	5,760	3,903	9,663	922	588	1,510
1985	13,110	4,282	17,392	2,294	814	3,108
			WHEAT			
1975	413	533	946	1,507	7,088	8,595
1976	167	789	956	1,887	6,729	8,616
1977	333	1,200	1,533	1,915	4,784	6,699
1978	454	1,372	1,826	756	4,855	5,611
1979	95	1,470	1,565	1,700	5,790	7,490
1980	128	1,773	1,901	2,793	5,598	8,391
1981	186	2,514	2,700	3,553	8,217	11,770
1982	636	2,269	2,905	3,586	9,750	13,336
1983	1,195	2,024	3,219	3,960	12,326	16,286
1984	396	2,414	2,810	4,280	11,271	15,551
1985	428	2,894	3,322	1,520	6,254	7,774
			SORGHUM			
1975	93	*	*	39	53	92
1976	225	25	250	44	*	44
1977	215	12	227	84	*	*
1978	133	*	*	51	*	*
1979	220	*	*	86	*	*
1980	281	11	292	74	*	*
1981	193	*	*	18	*	*
1982	279	*	*	140	*	*
1983	332	*	*	111	*	*
1984	252	*	*	151	*	*
1985	832	444	1,276	166	*	*

*Confidential to avoid disclosing individual operations.
[1]Data prior to 1976 was for July 1. [2]Soybean estimates are for September 1 instead of October 1. [3]Includes stocks at mills, elevators, warehouses, terminals, and processors.

SNAP BEANS AND TOMATOES

Production of snap beans for processing totaled 11,250 tons from 5,000 acres harvested. The 1985 yield per acre was 2.25 tons, up from 2.14 tons in 1984. The total value of production was $2,284,000. Production of tomatoes for fresh market totaled 1,260,000 cwt. The crop was harvested from 4,500 acres with an average yield of 280 cwt. per acre, up 80 cwt. from 1984. Total value of production was $23,940,000.

SNAP BEANS, PROCESSING: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-85

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Season Average Price	Total Value
	Acres		Cwt.	1,000 Cwt.	Dollars/Cwt.	1,000 Dol.
1978	14,400	12,000	32.2	386	8.75	3,378
1979	12,200	9,900	32.2	319	9.15	2,917
1980	13,700	12,100	21.0	254	10.55	2,682
1981	7,800	7,600	50.8	386	10.55	4,072
1982	7,400	6,900	51.8	357	10.20	3,645
1983	5,300	4,900	36.4	178	10.00	1,784
1984	5,400	5,300	42.8	227	10.19	2,313
1985	5,200	5,000	45.0	225	10.15	2,284

TOMATOES, FRESH MARKET: ACREAGE, YIELD, PRODUCTION, AND VALUE, TENNESSEE, 1978-85

Year	Acreage Planted	Acreage Harvested	Yield Per Acre	Total Production	Season Average Price	Total Value
	Acres		Cwt.	1,000 Cwt.	Dollars/Cwt.	1,000 Dol.
1978	4,400	4,200	105	441	26.30	11,598
1979	3,900	3,700	100	370	23.20	8,584
1980	3,900	3,700	110	407	21.20	8,628
1981	4,500	4,300	120	516	23.50	12,126
1982	4,500	4,300	125	538	23.10	12,428
1983	4,500	4,200	100	420	20.00	8,400
1984	4,500	4,200	200	840	23.00	19,320
1985	4,700	4,500	280	1,260	19.00	23,940

APPLES AND PEACHES

Apples production during 1985 totaled 7.5 million pounds. Tennessee's apple growers averaged 13.0 cents per pound for a total value of 1985 production of $975,000. The 1985 peach crop was a total failure due to the effects of prolonged severe cold winter temperatures.

COMMERCIAL APPLES: PRODUCTION, FARM DISPOSITION, AND VALUE, TENNESSEE 1978-85[1]

Crop Year	Total Production	Production Having Value	Season Average Price Per Pound	Value of Production
	Million Pounds		Cents	Thous. Dollars
1978	8.0	7.7	14.20	1,093
1979	10.0	10.0	14.70	1,470
1980	8.0	7.2	16.40	1,181
1981	11.0	9.5	12.90	1,230
1982	4.5	4.2	17.70	742
1983	8.5	8.2	14.50	1,192
1984	11.0	9.5	15.50	1,476
1985	8.5	7.5	13.00	975

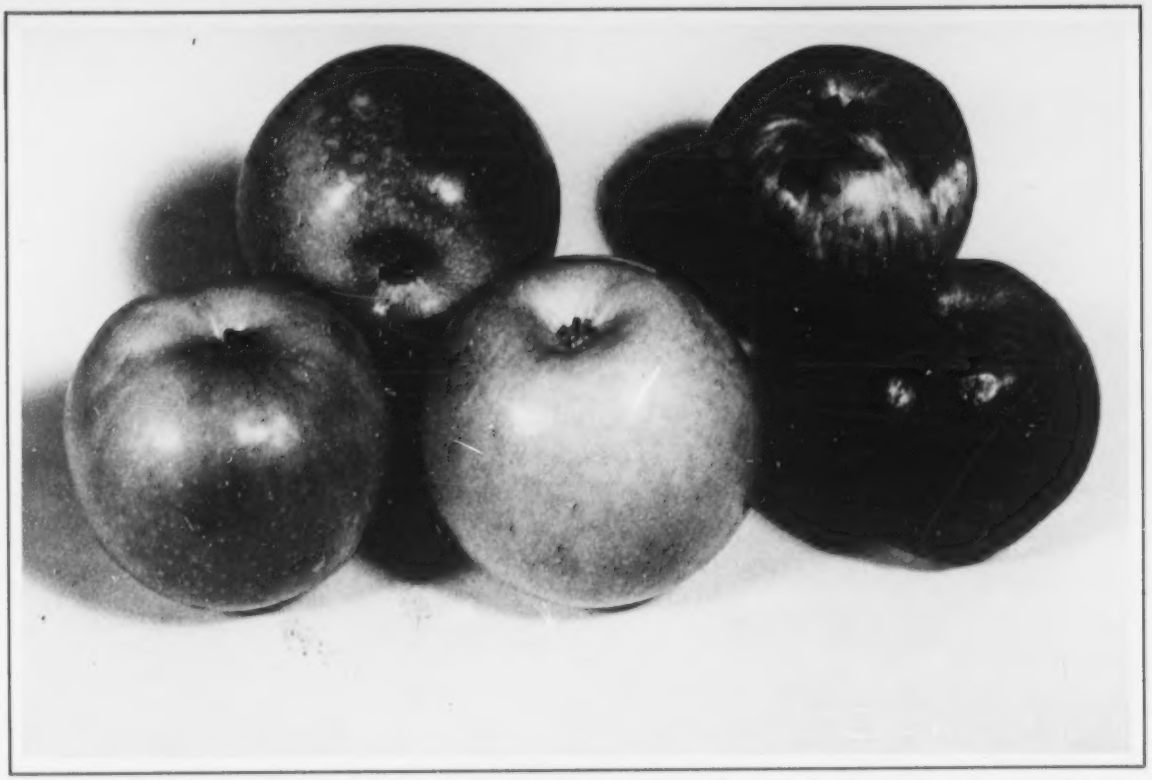
[1]Estimates of commercial crop refer to the total production of apples in commercial orchards of 100 or more bearing age trees.

PEACHES: PRODUCTION, FARM DISPOSITION, AND VALUE, TENNESSEE, 1978-85

Crop Year	Total Production	Production Having Value	Season Average Price Per Pound	Value of Production
	Million Pounds		Cents	Thous. Dollars
1978	8.4	8.4	16.00	1,344
1979	8.5	8.5	16.00	1,360
1980	8.4	8.4	17.80	1,495
1981	10.0	9.5	18.50	1,758
1982	1.5	1.5	25.00	375
1983	4.0	4.0	22.00	880
1984	10.0	9.0	21.00	1,890
1985	[1]			

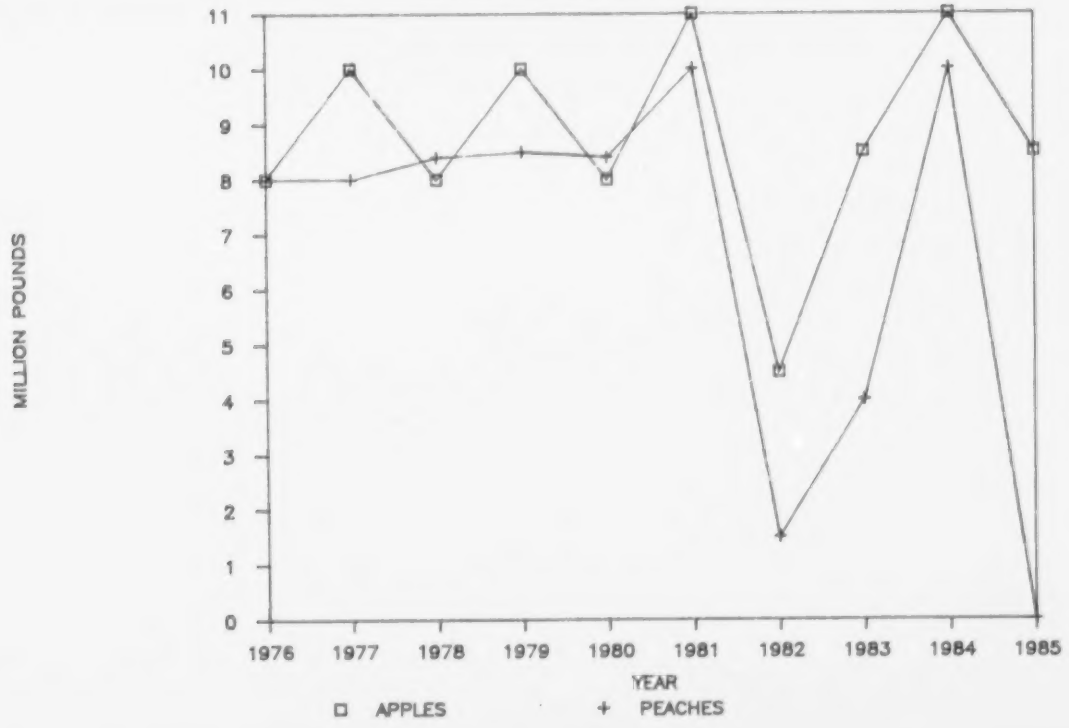
[1]No significant commercial production due to frost.

Apples and Peaches



APPLES AND PEACHES: PRODUCTION

TENNESSEE, 1976-1985



LIVESTOCK

STATES RANKING AND NUMBERS OF LIVESTOCK, 1985

Rank	All Cattle and Calves (Thousand Head)		Beef Cows (Thousand Head)		Milk Cows (Thousand Head)	
	State	Number	State	Number	State	Number
1	Texas	13,600	Texas	5,178	Wisconsin	1,892
2	Kansas	5,800*	Missouri	1,955	California	1,030
3	Nebraska	5,800*	Oklahoma	1,837	New York	968
4	Oklahoma	5,200	Nebraska	1,738	Minnesota	940
5	California	5,000	South Dakota	1,468	Pennsylvania	747
6	Iowa	4,950	Kansas	1,455	Michigan	397
7	Missouri	4,800	Montana	1,373	Ohio	390
8	Wisconsin	4,280	Iowa	1,190	Iowa	360
9	South Dakota	3,600	Florida	1,135	Texas	322
10	Minnesota	3,400	Tennessee	1,040	Missouri	235
11	Colorado	2,850	Kentucky	976	Kentucky	234
12	Tennessee	2,500	North Dakota	958	Illinois	230
13	Kentucky	2,480	California	950	Washington	223
14	Illinois	2,470	Alabama	862	Tennessee	210
15	Montana	2,450	Arkansas	852	Indiana	205
16	Florida	2,120	Colorado	773	Vermont	188
17	North Dakota	2,000	Georgia	751	Florida	185
18	New York	1,970	Mississippi	686	Idaho	174
19	Pennsylvania	1,960	Wyoming	669	Virginia	165
20	Ohio	1,840*	Virginia	650	South Dakota	162
21	Virginia	1,840*	Illinois	640	North Carolina	127
22	Alabama	1,780	Louisiana	620	Maryland	124
23	Arkansas	1,750*	Oregon	598	Georgia	119
24	Idaho	1,750*	New Mexico	542	Kansas	115
25	Georgia	1,700	Idaho	526	Oklahoma	113
26	Oregon	1,575	Washington	407	Nebraska	112
27	Indiana	1,570	Indiana	400	North Dakota	102*
28	Washington	1,460	Minnesota	396	Oregon	102*
29	Mississippi	1,430	North Carolina	393	Louisiana	96
30	Michigan	1,410	Ohio	385	Arizona	88
31	New Mexico	1,390	Nevada	301	Mississippi	86
32	Wyoming	1,325	Utah	298	Colorado	82*
33	Louisiana	1,240	Arizona	293	Utah	82*
34	North Carolina	1,100	South Carolina	271	Arkansas	78
35	Arizona	1,050	West Virginia	241	New Mexico	68
36	Utah	790	Pennsylvania	190	Maine	54
37	South Carolina	635	Wisconsin	184	Alabama	48*
38	Nevada	610	Michigan	153	South Carolina	48*
39	West Virginia	520	New York	87	Connecticut	47*
40	Maryland	370	Hawaii	81	Massachusetts	47*
41	Vermont	350	Maryland	71	New Jersey	38
42	Hawaii	209	New Jersey	14	West Virginia	34
43	Maine	135	Maine	10*	New Hampshire	29
44	Connecticut	100*	Vermont	10*	Montana	27
45	Massachusetts	100*	Massachusetts	9	Nevada	19
46	New Jersey	97	Connecticut	6	Hawaii	11*
47	New Hampshire	69	New Hampshire	5	Wyoming	11*
48	Delaware	27	Alaska	2.6	Delaware	10
49	Alaska	9.2	Delaware	2	Rhode Island	3.4
50	Rhode Island	7.0	Rhode Island	.6	Alaska	2.0

*Tied

STATES RANKING AND NUMBERS OF LIVESTOCK, 1985

	All Hogs and Pigs (Thousand Head)		Hogs for Breeding (Thousand Head)		Market Hogs (Thousand Head)	
Rank	State	Number	State	Number	State	Number
1	Iowa	13,500	Iowa	1,650	Iowa	11,850
2	Illinois	5,400	Illinois	685	Illinois	4,715
3	Indiana	4,150	Indiana	560	Indiana	3,590
4	Minnesota	4,100	Minnesota	525	Minnesota	3,575
5	Nebraska	3,900	Nebraska	470	Nebraska	3,430
6	Missouri	3,050	Missouri	430	Missouri	2,620
7	North Carolina	2,350	North Carolina	310	North Carolina	2,040
8	Ohio	1,980	Ohio	275	Ohio	1,705
9	South Dakota	1,610	South Dakota	206	South Dakota	1,404
10	Kansas	1,520	Kansas	188	Kansas	1,332
11	Wisconsin	1,250	Wisconsin	170	Wisconsin	1,080
12	Michigan	1,190	Georgia	165	Michigan	1,045
13	Georgia	1,150	Michigan	145	Georgia	985
14	Tennessee	950	Tennessee	130	Tennessee	820
15	Kentucky	800	Kentucky	124	Pennsylvania	695
16	Pennsylvania	780	Pennsylvania	85	Kentucky	676
17	Arkansas	436	Texas	65	Arkansas	373
18	Texas	435	Arkansas	63	Texas	370
19	South Carolina	400*	Virginia	60	South Carolina	341
20	Virginia	400*	South Carolina	59	Virginia	340
21	Alabama	345	Alabama	50	Alabama	295
22	North Dakota	285	Mississippi	37	North Dakota	250
23	Mississippi	230	North Dakota	35	Colorado	197
24	Colorado	225	Maryland	30*	Mississippi	193
25	Maryland	205	Oklahoma	30*	Maryland	175
26	Oklahoma	200	Colorado	28	Oklahoma	170
27	Arizona	175	Florida	25	Arizona	155
28	Florida	158	California	22	Florida	133
29	California	145	Arizona	20	California	123
30	Montana	135	Idaho	18*	Montana	119
31	New York	130	Oregon	18*	New York	113
32	Idaho	125*	New York	17	Idaho	107*
33	Oregon	125*	Montana	16	Oregon	107*
34	Louisiana	60	Louisiana	11	Louisiana	49
35	Hawaii	55	Hawaii	9	Hawaii	46
36	Washington	51	Delaware	7	Washington	45
37	New Jersey	45	New Mexico	6*	New Jersey	40
38	New Mexico	38	Washington	6*	West Virginia	33
39	West Virginia	37	Massachusetts	5*	New Mexico	32
40	Delaware	35	New Jersey	5*	Massachusetts	29*
41	Massachusetts	34*	Wyoming	5*	Wyoming	29*
42	Wyoming	34*	West Virginia	4	Delaware	28
43	Utah	23	Utah	3	Utah	20
44	Nevada	15	Nevada	2	Nevada	13
45	New Hampshire	8.6	Maine	1.5*	New Hampshire	7.1
46	Maine	7.9	New Hampshire	1.5*	Maine	6.4
47	Connecticut	7.0	Vermont	1.0	Connecticut	6.1
48	Vermont	6.4	Connecticut	.9	Vermont	5.4
49	Rhode Island	5.0	Rhode Island	.6	Rhode Island	4.4
50	Alaska	2.3	Alaska	.4	Alaska	1.9

*Tied

1985 TENNESSEE LIVESTOCK SUMMARY

The farm value of Tennessee's livestock and poultry as of January 1, 1986 was $872,325,000, down 4 percent from a year earlier. Cattle and hogs decreased in value per head over 1985 while sheep increased in value and chickens remained unchanged. Cattle, hog and chicken numbers decreased from 1985 to 1986 while sheep numbers increased. Total gross income in 1985 from livestock and poultry declined 5 percent from 1984.

All cattle and calves in Tennessee on January 1, 1986 totaled 2,500,000 head, a 1 percent decline from a year earlier and 9 percent less than two years ago. This continued the downward trend in Tennessee cattle numbers begun last year. Inventory levels declined in all cows (1%) and calves (7%). All heifers increased by 8 percent while bulls and steers weighing over 500 pounds remained unchanged. The decrease in all cow numbers was solely the result of a decline in beef cow levels as milk cow inventories remained unchanged from last year.

The number of milk cows on Tennessee farms during 1985 averaged 210,000 head, compared with 208,000 head in 1984, and the five year average of 213,000 head. Milk production per cow increased 3 percent to 10,643 pounds for 1985. Gross income from dairy products amounted to $286,589,000, up 2 percent from 1984.

The 1985 calf crop for Tennessee was 1,120,000, down 3 percent from 1984 and 8 percent less than 1983. The average value per head of all cattle and calves as of January 1, 1986 was $320, compared with $325 one year earlier. Gross income from all cattle and calves in 1985 was $435,242,000, down 11 percent from 1984.

Hogs and pigs on Tennessee farms as of December 1, 1985 numbered 950,000, compared with 1.1 million the previous year and the 1980-84 average of 968,000 head. Breeding stock inventory was 130,000 head, compared with 150,000 a year earlier and a five year average of 148,000. The pig crop for 1985 totaled 1,427,000 head, below both the 1,615,000 head a year earlier and the five year average of 1,646,000 head. Pigs saved per litter were the highest since 1969 at 7.5 for December-May and 7.6 for June-November. Gross income from hogs and pigs in 1985 was $167,388,000, up 6 percent from 1984. Average value per head was $69.00, down $2.00 from 1984.

The number of chickens, excluding commercial broilers, on Tennessee farms on December 1, 1985 was 3.3 million, down 20 percent from the previous year. Value of sales totaled $1,473,000, compared with $1,763,000 in 1984. The average value per head was $1.85, unchanged from a year ago.

All sheep and lambs in Tennessee on January 1, 1986 amounted 10,000 head, up 11 percent from a year earlier. Gross income from sheep and lambs in 1985 totaled $228,000, a new record low. The average value per head increased to $67.00, up from $63.50 the previous year.

LIVESTOCK AND POULTRY FARMS: TENNESSEE, 1979-85

Year	Cattle	Dairy	Hogs	Sheep	Chickens
			1,000 Farms		
1979	76	11	32	.500	11.0
1980	76	10	33	.450	11.0
1981	76	9.4	27	.450	10.0
1982	77	8.5	23	.400	8.0
1983	77	8.5	22	.430	7.5
1984	76	7	22	.450	7.5
1985	76	6.7	21	.470	7.3

LIVESTOCK ON FARMS: TENNESSEE, JANUARY 1, 1985-86

Class of Livestock or Poultry	Number		Farm Value Per Head		Farm Value	
	1985	1986	1985	1986	1985	1986
	1,000		Dollars		1,000 Dollars	
All Cattle & Calves	2,535	2,500	325	320	823,875	800,000
Hogs and Pigs[1]	1,100	950	71.00	69.00	78,100	65,550
Sheep and Lambs	9	10	63.50	67.00	572	670
Chicken[1,2]	4,100	3,300	1.85	1.85	7,585	6,105
Total	—	—	—	—	910,132	872,325

[1]December 1 previous year. [2]Does not include commercial broilers.

LIVESTOCK BY CLASS: TENNESSEE, JANUARY 1, 1985-86

Classes	1985	1986	1986 as % of 1985
	1,000 Head		Percent
Cows and Heifers that have Calved	1,260	1,250	99
Beef Cows	1,050	1,040	99
Milk Cows	210	210	100
Heifers 500 Pounds and Over	320	345	108
For Beef Cow Replacement	170	190	112
For Milk Cow Replacement	90	100	111
Other Heifers	60	55	92
Steers 500 Pounds and Over	165	165	100
Bulls 500 Pounds and Over	65	65	100
Heifers, Steers, and Bulls under 500 Pounds	725	675	93
All Cattle and Calves	2,535	2,500	99
Hogs and Pigs[1]	1,100	950	86
Ewes 1 year old and over	6.8	7.7	113
Ewe Lambs	.8	.8	100
Other Stock Sheep	1.4	1.5	107
All Sheep & Lambs	9	10	111
Hens and Pullets of Laying Age[1]	3,200	2,680	84
Other Pullets[1]	780	[2]	—
Other Chickens[1,2]	120	[2]	—
All Chickens[1,3]	4,100	3,300	80

[1]December 1 previous year. [2]Not published to avoid disclosure of individual operations. [3]Does not include commercial broilers.

CATTLE AND CALVES: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1981-86

Year	All Cows and heifers that have calved January 1	Calves Born	Inshipments	Marketing[2]		Slaughter on Farms Cattle and Calves	Deaths	
				Cattle	Calves		Cattle	Calves
	1,000 Head							
1981	1,165	1,080	97	532	348	7	40	100
1982	1,225	1,180	120	609	380	6	40	90
1983	1,360	1,220	148	688	458	5	42	100
1984	1,360	1,160	216	1,027	426	3	40	95
1985	1,260	1,120	241	893	360	3	40	100
1986[1]	1,250							

Year	Production[3]	Marketings[4]	Price Per 100 Pounds		Cash Receipts[5]	Value of Home Consumption	Gross Income
			Cattle	Calves			
	1,000 Pounds		Dollars		1,000 Dollars		
1981	617,040	530,250	46.20	57.10	252,423	15,221	267,644
1982	656,670	611,010	45.00	54.30	281,581	13,697	295,278
1983	766,950	755,440	45.40	55.90	355,095	12,867	367,962
1984	780,125	1,048,255	44.60	54.10	477,099	9,725	486,824
1985	798,765	934,025	44.50	56.50	425,838	9,404	435,242

[1]Preliminary. [2]Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [3]Adjustments made for changes in inventory and for inshipments. [4]Excludes interfarm sales within the State and custom slaughter on farms where produced. [5]Receipts from marketing and sale of farm slaughter.

HOGS AND PIGS: INVENTORY, PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1981-85

Year	All Hogs December 1	Total Pig Crop		Inshipments	Marketings[2]	Slaughter on Farms	Deaths
		Sows Farrowing	Pig Crop				
	1,000 Head						
1981	900	215	1,568	77	1,620	90	175
1982	750	195	1,395	153	1,518	70	110
1983	950	220	1,550	113	1,268	55	140
1984	1,100	220	1,615	109	1,399	60	115
1985[1]	950	189	1,427	173	1,595	55	100

Year	Production[3]	Marketings[4]	Price Per 100 Pounds	Cash Receipts[5]	Value of Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars		
1981	354,592	341,127	43.80	152,981	15,204	168,185
1982	322,370	331,575	51.40	178,948	13,564	192,512
1983	298,020	261,081	46.70	125,602	9,516	135,118
1984	344,914	300,438	47.10	147,137	10,470	157,607
1985[1]	344,217	353,352	43.20	158,461	8,927	167,388

[1]Preliminary. [2]Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [3]Adjustments made for changes in inventory and for inshipments. [4]Excludes interfarm sales within the State and custom slaughter on farms where produced. [5]Receipts from marketing and sale of farm slaughter.

LIVESTOCK SLAUGHTER: TENNESSEE, BY MONTHS, 1981-85

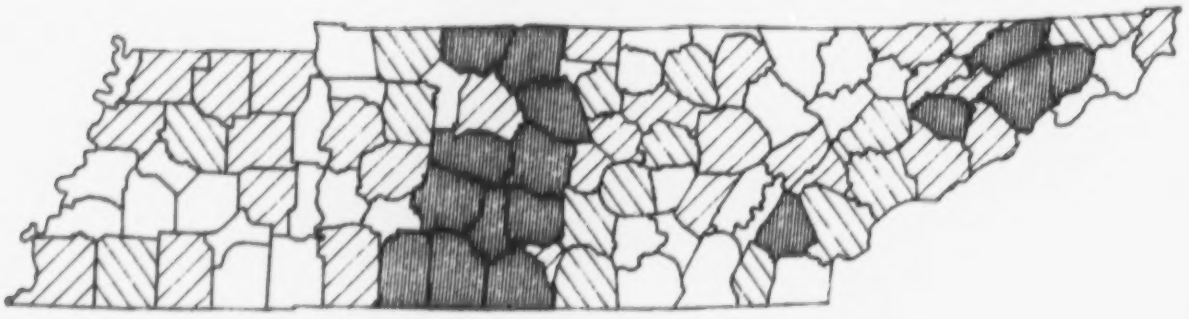
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
						1,000 Head							
CATTLE													
1981	23.6	20.9	23.5	22.8	20.2	20.7	23.2	23.5	27.1	30.5	27.0	26.9	289.9
1982[2]	22.3	21.5	24.9		72.5			87.0			96.9		325.1
1983	27.3	22.4	25.4	23.2	22.8	24.0	23.7	30.5	31.6	34.4	31.5	27.7	324.5
1984	26.7	24.0	25.5	24.8	25.2	24.8	25.8	28.3	26.4	33.3	30.9	25.5	321.2
1985	25.3	22.0	24.2	22.9	22.1	19.8	21.8	22.7	21.4	25.8	21.9	21.3	271.3
CALVES													
1981	2.4	1.3	1.3	1.1	1.3	2.2	2.4	2.9	3.2	3.4	3.5	2.9	27.8
1982[2]	2.9	2.2	2.2		6.9			11.4			9.9		35.5
1983	2.4	1.8	2.9	2.8	2.8	3.0	3.4	3.7	4.5	3.8	3.7	4.2	39.0
1984[3]													
1985[3]													
HOGS													
1981	249	223	251	260	219	216	218	203	229	250	250	272	2,838
1982[2]	236	209	248		603			429			409		2,133
1983	131	114	151	142	142	152	137	156	188	223	244	241	2,019
1984	193	212	244	235	234	215	195	222	206	251	231	214	2,652
1985	230	203	226	236	237	207	225	227	234	256	232	223	2,737
SHEEP													
1981	.1	.1	.1	.4	.3	.1	.4	.1	—	—	.1	—	1.9
1982[2]	—	—	.2		.2			.3			.1		.9
1983	—	—	.4	.1	.1	.1	.5	.1	.1	.1	—	.1	1.6
1984	—	—	—	.1	.1	.1	.6	.1	—	.1	—	—	1.1
1985	—	—	—	—	—	—	.5	—	—	.1	—	—	.8
CATTLE (MILLION POUNDS) LIVE WEIGHT													
1981	22.2	20.3	22.7	21.6	18.6	19.1	21.3	21.6	24.8	27.4	24.3	24.2	268.1
1982[2]	21.1	20.8	23.8		68.5			80.6			89.4		304.2
1983	26.4	22.5	24.9	22.4	22.2	22.9	22.6	28.3	29.0	31.1	29.1	25.9	307.3
1984	26.6	24.2	23.6	23.1	24.1	23.3	24.3	26.4	24.7	30.2	28.2	24.7	303.3
1985	25.3	22.1	23.9	21.9	21.3	19.4	21.4	22.8	20.9	24.8	21.2	20.4	265.5
CALVES (THOUSAND POUNDS) LIVE WEIGHT													
1981	506	327	343	314	353	507	536	535	565	696	563	572	5,817
1982[2]	526	445	507		1,547			1,989			1,985		7,012
1983	527	376	944	977	939	1,002	987	795	887	975	952	972	10,333
1984[3]													
1985[3]													
HOGS (MILLION POUNDS) LIVE WEIGHT													
1981	65.5	57.7	64.6	66.7	56.4	57.0	57.4	53.4	59.8	64.5	66.1	73.0	742.1
1982[2]	62.7	54.6	64.1		161.9			119.3			114.9		577.4
1983	36.9	31.7	41.1	38.9	39.1	41.3	37.0	41.5	51.2	59.9	66.3	63.5	548.3
1984	52.3	56.6	62.6	62.3	62.2	57.9	52.5	59.8	56.1	68.4	64.9	61.0	716.7
1985	64.0	55.4	61.3	64.5	64.7	58.2	62.2	62.2	63.2	70.4	65.3	61.9	753.2
SHEEP (THOUSAND POUNDS) LIVE WEIGHT													
1981	11	8	10	27	26	10	31	11	—	—	8	—	154
1982[2]	—	—	17		12			29			8		71
1983	—	—	19	3	12	19	57	13	10	13	—	—	157
1984	—	—	—	8	5	8	65	13	—	7	—	—	124
1985	—	.	.	.	.	.	48	—	—	6	—	—	83

[1]Months may not add to totals due to rounding. [2]During 1982, quarterly estimates were published for April-June, July-September and October-December. [3]Data not published to avoid disclosing individual operations.

Livestock

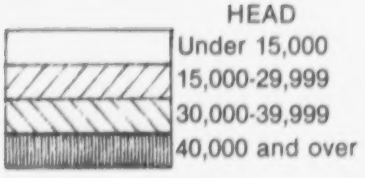
TENNESSEE

CATTLE AND CALVES



TOP FIVE COUNTIES

1.	GREENE	95,000 head
2.	LINCOLN	83,000 head
3.	GILES	77,000 head
4.	MAURY	76,000 head
5.	WILLIAMSON	66,000 head



CATTLE AND CALVES: TENNESSEE, BY COUNTIES, JANUARY 1, 1985-86[1]

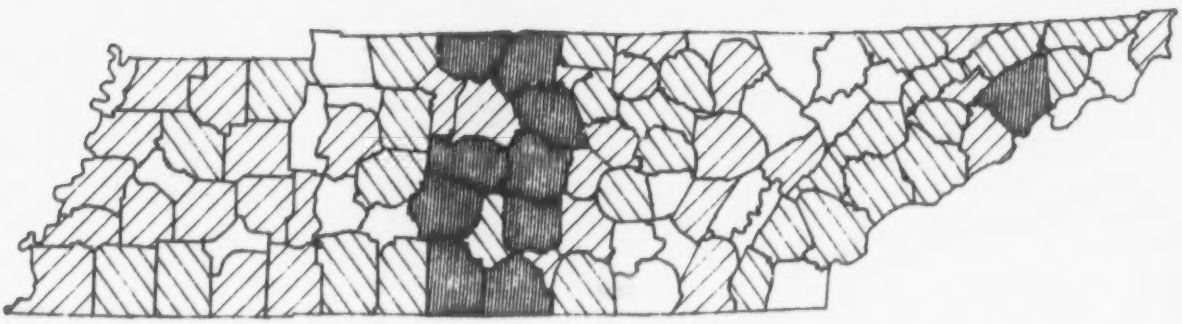
District & County	1985 (Number)	1986 (Number)	Rank
Dyer	19,000	18,000	52*
Lake	[2]	[2]	95
Lauderdale	14,000	13,500	66
Obion	26,000	25,500	39
Shelby	17,000	17,000	57*
Tipton	15,000	15,000	61*
District 1	91,000	89,000	
Benton	9,300	9,000	83*
Carroll	19,500	18,000	52*
Chester	10,000	9,000	83*
Crockett	9,000	9,000	83*
Decatur	13,400	14,000	64*
Fayette	32,000	31,000	30*
Gibson	36,000	33,000	26
Hardeman	20,000	18,000	52*
Hardin	12,000	13,000	67*
Haywood	11,000	10,000	75*
Henderson	22,500	23,000	44*
Henry	28,000	28,000	35
McNairy	12,500	12,000	71*
Madison	14,000	14,000	64*
Weakley	20,500	20,000	48*
Other Counties			
District 2	269,700	261,000	
Cheatham	11,700	11,500	73
Dickson	33,000	34,000	25
Hickman	24,400	24,000	42*
Houston	8,500	8,000	88*
Humphreys	20,000	20,000	48*
Lawrence	50,000	49,000	12*
Lewis	5,400	5,500	92
Montgomery	37,100	37,000	21
Perry	7,000	7,000	90*
Robertson	53,500	56,000	10
Stewart	9,500	10,000	75*
Wayne	20,200	20,000	48*
District 3	280,300	282,000	
Bedford	59,000	61,000	7
Cannon	27,000	27,000	36*
Clay	16,000	15,000	61*
Davidson	18,500	19,000	51
DeKalb	20,000	18,000	52*
Giles	77,000	75,000	3
Jackson	12,000	13,000	67*
Lincoln	83,000	83,000	2
Macon	25,000	24,000	42*
Marshall	48,000	49,000	12*
Maury	76,000	73,000	4
Moore	25,500	23,000	44*
Rutherford	64,500	63,000	6
Smith	40,000	39,000	18*
Sumner	55,000	57,000	8*
Trousdale	14,000	13,000	67*
Williamson	66,000	66,000	5
Wilson	54,500	55,000	11
District 4	781,000	773,000	
Bledsoe	26,000	25,000	40*
Coffee	32,000	32,000	27*
Cumberland	25,000	23,000	44*
Fentress	18,000	17,000	57*
Franklin	36,000	35,000	23*
Grundy	8,400	8,000	88*
Marion	9,000	8,500	86*
Morgan	8,500	8,500	86*
Overton	35,000	32,000	27*
Pickett	11,000	10,000	75*
Putnam	30,500	30,000	32*
Scott	4,600	5,000	93
Sequatchie	6,500	7,000	90*
Van Buren	10,000	11,000	74*
Warren	39,500	39,000	18*
White	40,000	39,000	18*
District 5	340,000	330,000	
Anderson	11,000	11,000	74*
Blount	40,000	40,000	17
Bradley	33,000	32,000	27*
Campbell	9,900	10,000	75*
Carter	13,000	13,000	67*
Claiborne	32,000	30,000	32*
Cocke	23,500	23,000	44*
Grainger	26,000	26,500	38
Greene	95,000	93,000	1
Hamblen	28,000	27,000	36*
Hamilton	15,000	15,000	61*
Hancock	16,000	16,000	60
Hawkins	40,000	41,000	16
Jefferson	44,000	45,000	15
Johnson	16,000	16,500	59
Knox	36,000	35,000	23*
Loudon	28,000	30,000	32*
McMinn	49,000	49,000	12*
Meigs	11,000	11,000	74*
Monroe	36,000	36,000	22
Polk	10,500	11,000	74*
Rhea	12,000	12,000	71*
Roane	17,500	17,500	56
Sevier	28,000	25,000	40*
Sullivan	33,000	31,000	30*
Unicoi	1,600	1,500	94
Union	11,000	10,000	75*
Washington	57,000	57,000	8*
District 6	773,000	765,000	
STATE	2,535,000	2,500,000	

[1]1985 Revised; 1986 Preliminary.
[2]Not published to avoid disclosing individual operations.
*Tied.

Livestock

TENNESSEE

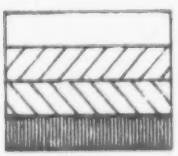
BEEF COWS



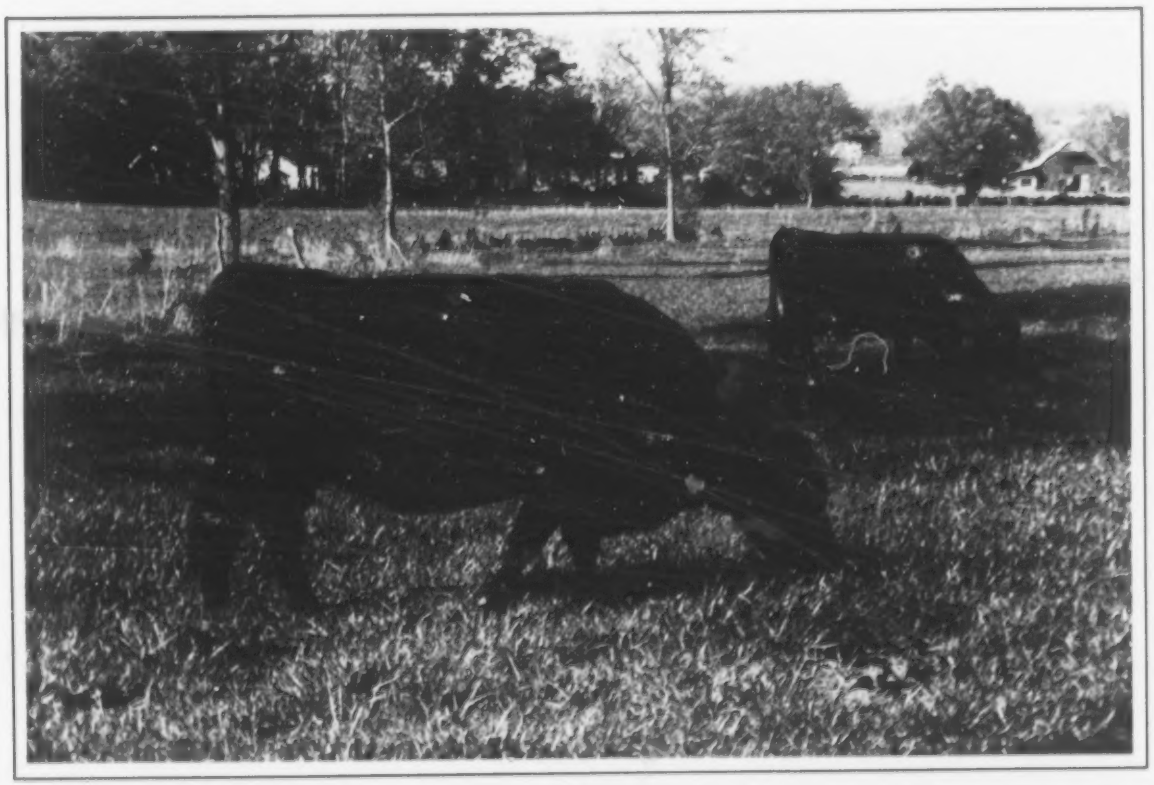
TOP FIVE COUNTIES

1. LINCOLN	34,000 head
2. MAURY	32,700 head
3. WILLIAMSON	32,500 head
4. GREENE	32,300 head
5. G!!.ES	31,000 head

HEAD



Under 5,000
5,000-9,999
10,000-19,999
20,000 and over

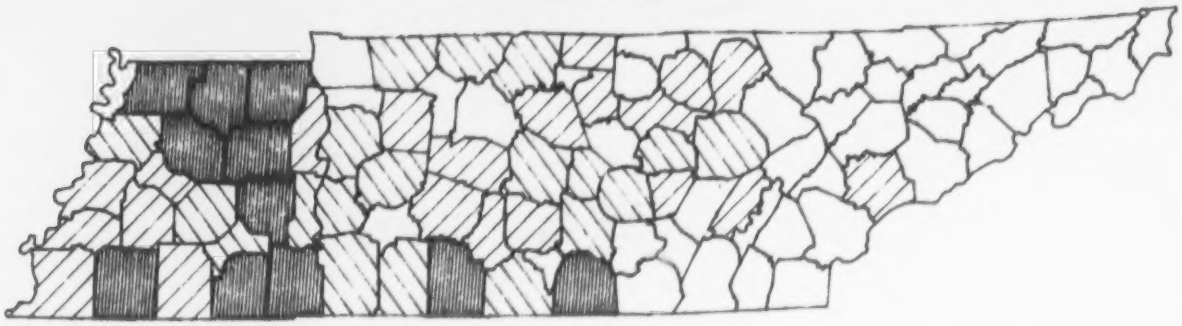


BEEF COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1985-86[1]

District & County	1985 (Number)	1986 (Number)	Rank
Dyer	8,500	8,000	54*
Lake	[2]	[2]	95
Lauderdale	5,800	6,000	68
Obion	8,700	9,000	45
Shelby	9,100	9,000	45*
Tipton	7,900	8,000	54*
District 1	40,000	40,000	
Benton	4,200	4,100	82
Carroll	9,100	8,800	48*
Chester	4,100	3,700	85
Crockett	4,500	4,500	78*
Decatur	7,100	7,600	61
Fayette	14,800	14,000	24
Gibson	14,000	12,500	30
Hardeman	11,200	10,200	40
Hardin	5,700	6,300	66
Haywood	6,100	6,000	68*
Henderson	8,500	8,700	50
Henry	12,100	12,000	32
McNairy	5,800	5,600	70
Madison	6,200	6,200	67
Weakley	7,600	7,800	60
Other Counties			
District 2	121,000	118,000	
Cheatham	5,700	5,500	71
Dickson	15,800	16,300	19
Hickman	11,100	11,000	34*
Houston	4,100	3,900	84
Humphreys	8,800	8,600	51
Lawrence	19,000	19,000	12*
Lewis	2,800	2,900	88*
Montgomery	18,200	18,200	14
Perry	2,900	2,900	88*
Robertson	20,900	21,900	10
Stewart	4,300	4,300	81
Wayne	10,400	10,500	38*
*District 3	124,000	125,000	
Bedford	25,000	26,000	7*
Cannon	8,000	8,000	54*
Clay	7,600	7,100	62
Davidson	8,300	8,500	52
DeKalb	8,300	8,000	54*
Giles	31,000	29,500	5
Jackson	8,300	8,900	47
Lincoln	34,000	34,000	1
Macon	11,700	11,500	33
Marshall	17,000	18,000	15
Maury	32,700	32,000	3
Moore	9,400	8,000	54*
Rutherford	26,000	26,000	7*
Smith	20,000	19,500	11
Sumner	27,200	28,000	6
Trousdale	7,000	6,500	65
Williamson	32,500	32,500	2
Wilson	26,000	26,000	7*
District 4	340,000	338,000	
Bledsoe	9,600	9,300	44
Coffee	9,500	9,500	42*
Cumberland	10,000	9,700	41
Fentress	8,300	8,300	53
Franklin	12,800	12,600	27*
Grundy	3,600	3,400	86
Marion	3,500	3,200	87
Morgan	4,000	4,000	83
Overton	14,900	13,800	25
Pickett	5,500	5,000	73*
Putnam	13,500	13,200	26
Scott	1,700	2,000	92*
Sequatchie	2,300	2,500	90
Van Buren	4,000	4,500	78*
Warren	16,200	16,000	20
White	15,600	15,000	22*
District 5	135,000	132,000	
Anderson	5,000	5,000	73*
Blount	15,800	15,500	21
Bradley	10,600	10,800	36*
Campbell	2,100	2,200	91
Carter	4,400	4,400	80
Claiborne	16,000	15,000	22*
Cocke	9,700	9,500	42*
Grainger	12,000	12,300	31
Greene	32,300	31,000	4
Hamblen	9,000	8,800	48*
Hamilton	6,800	6,800	64
Hancock	8,100	8,000	54*
Hawkins	17,000	17,500	16*
Jefferson	17,000	17,500	16*
Johnson	5,000	5,200	72
Knox	16,900	16,500	18
Loudon	9,600	10,500	38*
McMinn	12,600	12,600	27*
Meigs	4,900	5,000	73*
Monroe	10,800	10,800	36*
Polk	2,000	2,000	92*
Rhea	5,000	5,000	73*
Roane	6,800	6,900	63
Sevier	12,200	11,000	34*
Sullivan	13,500	12,600	27*
Unicoi	800	800	94
Union	5,100	4,800	77
Washington	19,000	19,000	12*
District 6	290,000	287,000	
STATE	1,050,000	1,040,000	

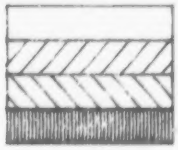
[1]1985 Revised; 1986 Preliminary.
[2]Less than 50 head.
*Tied.

TENNESSEE
HOGS AND PIGS



TOP FIVE COUNTIES

1.	WEAKLEY	74,000 head
2.	HENDERSON	56,000 head
3.	GIBSON	53,000 head
4.	OBION	52,000 head
5.	FAYETTE	41,000 head



HEAD
Under 5,000
5,000-9,999
10,000-19,999
20,000 and over

HOGS AND PIGS: NUMBER ON FARMS, DECEMBER 1, 1980-85

Year	Dec. 1 Inventory	Breeding	Market	Other Under 60 lbs.	Other 60-119 lbs.	120-179 lbs.	180 + lbs.
				1,000 Head			
1980	1,140	190	950	435	220	145	150
1981	900	130	770	240	175	170	185
1982	750	130	620	229	191	115	85
1983	950	140	810	330	210	135	135
1984	1,100	150	950	330	240	180	200
1985	950	130	820	290	200	170	160

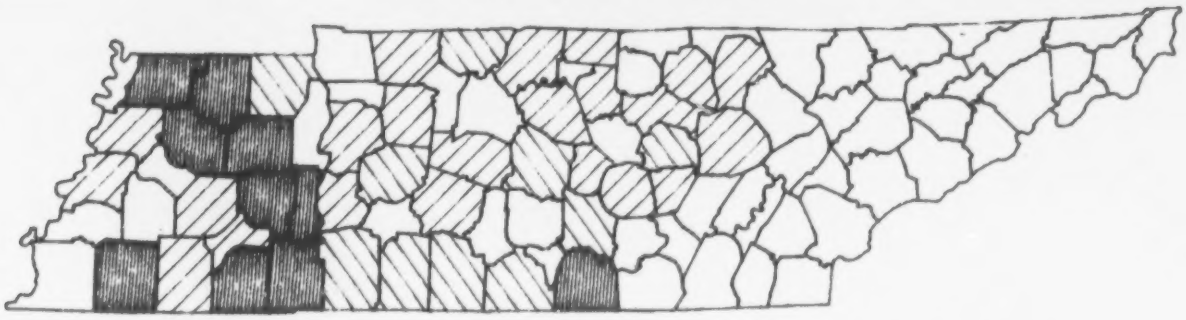
HOGS AND PIGS: TENNESSEE, BY COUNTIES, JANUARY 1, 1984-85[1]

District & County	1984 (Number)	1985 (Number)	Rank
Dyer	12,500	12,400	22*
Lake	200	200	95
Lauderdale	7,500	6,700	45
Obion	52,000	44,900	3
Shelby	6,000	5,400	50*
Tipton	6,800	6,400	47
District 1	85,000	76,000	
Benton	9,000	8,000	39
Carroll	38,500	33,000	7
Chester	15,000	12,300	24
Crockett	6,500	6,000	48
Decatur	22,000	19,900	12
Fayette	41,000	36,200	5
Gibson	53,000	44,600	4
Hardeman	10,000	9,000	33*
Hardin	30,000	26,300	9
Haywood	7,000	6,600	46
Henderson	56,000	47,500	2
Henry	29,000	23,100	10
McNairy	33,000	29,000	8
Madison	12,000	10,500	28*
Weakley	74,000	66,000	1
District 2	436,000	378,000	
Cheatham	6,000	5,000	52*
Dickson	8,000	7,100	43
Hickman	19,500	18,100	16
Houston	2,800	2,700	68
Humphreys	15,000	12,400	22*
Lawrence	12,000	10,500	28*
Lewis	2,700	2,800	66*
Montgomery	19,000	14,400	20
Perry	14,000	11,000	27
Robertson	20,000	19,000	15
Stewart	4,500	4,000	62
Wayne	17,500	16,000	19
*District 3	141,000	123,000	
Bedford	10,500	9,100	32
Cannon	15,000	11,400	25*
Clay	5,500	4,500	56*
Davidson	2,000	1,600	79
DeKalb	5,000	4,100	61
Giles	25,000	22,300	11
Jackson	4,500	3,800	64
Lincoln	20,000	16,600	18
Macon	9,000	7,200	41*
Marshall	9,500	6,800	44
Maury	10,000	8,700	36
Moore	3,500	2,400	72
Rutherford	15,500	14,300	21
Smith	9,000	9,000	33*
Sumner	14,500	11,400	25*
Trousdale	2,000	1,300	82*
Williamson	9,500	8,300	37
Wilson	10,000	7,200	41*
District 4	180,000	150,000	
Bledsoe	7,000	4,800	54*
Coffee	19,500	17,500	17
Cumberland	12,000	10,400	30
Fentress	9,000	7,600	40
Franklin	40,000	36,000	6
Grundy	5,000	4,400	58*
Marion	5,200	4,400	58*
Morgan	1,900	1,800	78
Overton	11,000	9,500	31
Pickett	3,600	2,500	70*
Putnam	10,000	9,000	33*
Scott	1,000	1,200	84
Sequatchie	1,300	900	80
Van Buren	8,000	8,100	38
Warren	23,000	19,500	13
White	22,500	19,400	14
District 5	180,000	157,000	
Anderson	4,000	3,900	63
Blount	6,000	5,400	50*
Bradley	1,800	1,100	85*
Campbell	300	300	94
Carter	1,500	1,300	82*
Claiborne	4,500	4,200	60
Cocke	2,500	2,300	73
Grainger	1,400	1,000	88*
Greene	6,500	5,000	52*
Hamblen	4,000	3,200	65
Hamilton	5,000	4,500	56*
Hancock	1,200	1,100	85*
Hawkins	2,200	2,100	74
Jefferson	5,500	4,800	54*
Johnson	1,200	1,000	88*
Knox	2,500	1,900	75*
Loudon	2,000	1,400	81
McMinn	2,800	1,900	75*
Meigs	400	500	92*
Monroe	2,900	2,500	70*
Polk	2,300	1,500	80
Rhea	6,000	5,600	49
Roane	2,800	2,600	69
Sevier	3,500	2,800	66*
Sullivan	900	600	91
Unicoi	600	500	92*
Union	1,100	1,100	85*
Washington	2,600	1,900	75*
District 6	78,000	66,000	
STATE	1,100,000	950,000	

[1]1984 Revised; 1985 Preliminary.
*Tied.

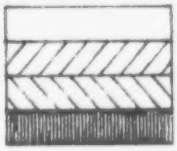
TENNESSEE

HOGS AND PIGS FOR BREEDING



TOP FIVE COUNTIES

1.	WEAKLEY	7,100 head
2.	GIBSON	6,200 head
3.	FAYETTE	6,000 head
4.	HENDERSON	5,700 head
5.	OBION	5,300 head



HEAD
Under 1,000
1,000-1,999
2,000-2,999
3,000 and over

PIG CROP: SOWS FARROWED AND PIGS SAVED, TENNESSEE 1979-85

Year	December-May Farrowings			June-November Farrowings		
	Sows (000)	Pigs Per Litter Number	Pigs Saved (000)	Sows (000)	Pigs Per Litter Number	Pigs Saved (000)
1979	165	7.1	1,172	180	7.1	1,278
1980	160	6.8	1,088	145	7.0	1,015
1981	115	7.2	828	100	7.4	740
1982	100	7.3	730	95	7.0	665
1983	100	7.1	710	120	7.0	840
1984	90	7.4	666	130	7.3	949
1985	95	7.5	713	94	7.6	714

HOGS AND PIGS FOR BREEDING: TENNESSEE, BY COUNTIES, DECEMBER 1, 1984-85[1]

District & County	1984 (Number)	1985 (Number)	Rank
Dyer	1,500	1,400	32*
Lake	[2]	[2]	94*
Lauderdale	1,300	1,200	40*
Obion	5,300	4,300	6*
Shelby	1,100	900	47*
Tipton	800	700	58*
District 1	10,000	8,500	
Benton	1,100	1,000	43*
Carroll	4,700	4,300	6*
Chester	2,100	1,600	27*
Crockett	1,100	1,000	43*
Decatur	3,700	3,300	9
Fayette	6,000	4,800	4
Gibson	6,200	5,300	2
Hardeman	1,700	1,500	29*
Hardin	4,000	3,100	10
Haywood	900	800	52*
Henderson	5,700	4,900	3
Henry	3,500	2,900	11*
McNairy	3,700	3,500	8
Madison	1,800	1,600	27*
Weakley	7,100	6,400	1
Other Counties			
District 2	53,300	46,000	
Cheatham	900	900	47*
Dickson	1,300	1,200	40*
Hickman	2,100	2,200	19
Houston	500	500	65*
Humphreys	2,100	1,800	23*
Lawrence	2,900	2,700	14*
Lewis	500	500	65*
Montgomery	2,300	1,900	22
Perry	1,800	1,400	32*
Robertson	2,200	2,100	16*
Stewart	900	800	52*
Wayne	2,700	2,500	16*
*District 3	20,200	18,500	
Bedford	1,500	1,000	43*
Cannon	1,600	1,400	32*
Clay	1,100	900	47*
Davidson	200	200	81*
DeKalb	900	700	58*
Giles	2,700	2,500	16*
Jackson	900	700	58*
Lincoln	3,500	2,900	11*
Macon	1,800	1,300	39
Marshall	1,400	800	52*
Maury	1,500	1,400	32*
Moore	500	400	70*
Rutherford	2,800	2,700	14*
Smith	1,800	1,800	23*
Sumner	1,700	1,400	32*
Trousdale	300	200	81*
Williamson	1,600	1,200	40*
Wilson	1,700	1,500	29*
District 4	27,500	23,000	

District & County	1984 (Number)	1985 (Number)	Rank
Bledsoe	1,200	950	46
Coffee	2,600	2,400	18
Cumberland	1,700	1,400	32*
Fentress	1,600	1,500	29*
Franklin	5,100	4,600	5
Grundy	1,000	900	47*
Marion	900	800	52*
Morgan	250	300	75*
Overton	2,300	1,800	23*
Pickett	700	500	65*
Putnam	2,400	2,000	21
Scott	250	250	80
Sequatchie	300	200	81*
Van Buren	1,200	1,400	32*
Warren	2,200	1,700	26
White	3,300	2,800	13
District 5	27,000	23,500	
Anderson	600	700	58*
Blount	1,000	900	47*
Bradley	400	300	75*
Campbell	[2]	[2]	94*
Carter	200	200	81*
Claiborne	600	600	63*
Cocke	300	200	81*
Grainger	300	200	81*
Greene	600	500	65*
Hamblen	500	400	70*
Hamilton	700	700	58*
Hancock	200	200	81*
Hawkins	400	400	70*
Jefferson	1,000	800	52*
Johnson	150	200	81*
Knox	400	400	70*
Loudon	200	200	81*
McMinn	700	600	63*
Meigs	100	100	90*
Monroe	600	500	65*
Polk	400	300	75*
Rhea	1,100	800	52*
Roane	400	400	70*
Sevier	400	300	75*
Sullivan	150	100	90*
Unicoi	100	100	90*
Union	100	100	90*
Washington	400	300	75*
District 6	12,000	10,500	
STATE	150,000	130,000	

*Tied.
[1]1984 Revised; 1985 Preliminary.
[2]Not published to avoid disclosure of individual operations.

CHICKENS: NUMBER ON FARMS AND VALUE, DECEMBER 1, 1979-85

Year	Number						Value All Chickens	
	Total[1]	Hens	Pullets Laying	Pullets[2]	Pullets[3]	Other Chickens	Per/head Dollars	Total Thos. Dol.
	1,000 Birds							
1979	5,300	2,320	1,830	615	430	105	1.90	10,070
1980	5,700	1,700	2,400	910	570	120	1.50	8,550
1981	4,500	2,120	1,580	550	100	150	1.35	6,075
1982	4,700	1,380	2,270	510	400	140	1.45	6,815
1983	3,900	1,560	1,440	380	410	110	1.75	6,825
1984	4,100	1,410	1,790	500	280	120	1.85	7,585
1985	3,300	1,120	1,560	[4]	[4]	[4]	1.85	6,105

[1]Excludes commercial broilers. [2]Over 3 months. [3]Under 3 months.
[4]Not published to avoid disclosure of individual operations.

CHICKENS: LOST, SOLD AND VALUE OF SALES, 1979-85

Year[1]	Number Lost	Number Sold	Pounds Sold	Value of Sales[2]
	1,000 Birds		1,000 Lbs.	1,000 Dollars
1979	490	3,200	16,000	2,514
1980	650	3,050	15,250	1,876
1981	600	2,800	14,000	1,680
1982	500	2,200	11,000	990
1983	500	3,000	15,000	1,575
1984	450	2,350	11,750	1,763
1985	420	2,540	10,160	1,473

[1]Annual estimates cover the period December 1 previous year through November 30 and excludes commercial broilers. [2]Formerly called Cash Income

EGGS: PRODUCTION AND VALUE, TENNESSEE, 1979-85

Year[1]	Average Number of Layers during year	Eggs Per Layer	Eggs Produced	Price Per Dozen	Value of Production
	1,000	Number	Million	Cents	1,000 Dollars
1979	4,050	247	999	58.6	48,785
1980	3,961	243	962	56.5	45,294
1981	3,747	246	922	67.0	51,479
1982	3,649	242	884	63.3	46,631
1983	3,232	254	822	59.6	40,826
1984	2,901	256	744	71.0	44,020
1985	2,949	256	756	56.7	35,721

[1]Annual estimates cover the period December 1 through November 30.

EGG PRODUCTION: TENNESSEE, BY MONTHS, 1979-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Total[1]
						Million Eggs							
1979	85	76	85	86	89	82	83	82	80	85	83	86	999
1980	85	78	86	83	81	74	75	75	76	83	80	84	962
1981	85	76	82	77	78	73	73	71	71	77	75	76	922
1982[2]	225			230			214			215			884
1983	71	65	72	69	71	70	71	69	65	65	60	61	822
1984	64	59	62	59	60	59	61	62	63	67	67	69	744
1985	69	59	63	62	63	60	62	62	62	65	60	60	756

[1]The marketing year covers the period December 1 previous year through November 30. [2]Estimates made on quarterly basis.

HENS AND PULLETS OF LAYING AGE: TENNESSEE, BY MONTHS, 1979-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.[1]
						Thousands							
1979	3,948	3,993	4,073	4,175	4,140	4,030	3,995	4,015	4,010	4,055	4,120	4,163	4,050
1980	4,046	4,035	4,108	4,003	3,774	3,638	3,776	3,883	3,965	4,053	4,083	4,025	3,961
1981	3,970	4,010	3,885	3,715	3,716	3,645	3,601	3,576	3,551	3,610	3,660	3,706	3,747
1982[2]	3,835			3,748			3,475			3,538			3,649
1983	3,320	3,331	3,310	3,270	3,253	3,248	3,230	3,260	3,096	2,968	3,018	3,030	3,232
1984	2,988	2,860	2,813	2,811	2,781	2,783	2,846	2,888	2,921	2,983	3,108	3,160	2,901
1985	3,095	3,040	2,950	2,855	2,810	2,860	2,910	2,931	2,951	2,976	2,845	2,746	2,949

[1]The marketing year covers the period December 1 previous year through November 30. [2]Estimates made as quarterly averages.

Livestock

SHEEP AND LAMBS: INVENTORY NUMBER, LAMB CROP, AND DISPOSITION, TENNESSEE, 1979-86[1]

Year	On Hand Jan. 1	Lambs Saved	Inshipments Sheep & Lambs	Marketings[2] Sheep	Marketings[2] Lambs	Deaths Sheep	Deaths Lambs
			1,000 Head				
1979	13	10	2	4	6	1	2
1980	12	10	3	4	6	1	2
1981	11	9	2	4	4	1	2
1982	10	7.5	.5	3.3	4.4	.6	1.5
1983	8	6	.7	3	4	.4	1.1
1984	6	6.5	3.1	1.2	3.7	.4	1.1
1985	9	6.8	1	.7	3.6	.8	1.5
1986	10						

[1]Balance sheet estimates. Total of marketings, farm slaughter, deaths, and on hand end of year equals total of lamb crop, inshipments, and on hand beginning of year.
[2]Excludes interfarm sales.

SHEEP AND LAMBS: PRODUCTION AND INCOME, TENNESSEE, 1979-85

Year	Production[1]	Marketings[2]	Average Price Per 100 lbs. Sheep	Average Price Per 100 lbs. Lambs	Value of Production	Cash Receipts[3]	Gross Income
	1,000 Pounds		Dollars		1,000 Dollars		1,000 Dollars
1979	678	980	18.00	54.10	287	371	371
1980	621	980	19.50	62.10	351	420	460
1981	513	800	17.30	60.50	301	294	348
1982	482	759	17.20	53.80	216	275	282
1983	391	670	18.10	56.40	190	256	270
1984	513	461	20.50	59.00	263	221	231
1985	448	401	21.20	62.80	233	220	228

[1]Adjustments made for inshipments and changes in inventory. [2]Excludes interfarm sales.
[3]Includes receipts from marketings and sale of farm slaughtered meat.

WOOL: FARM PRODUCTION AND VALUE, TENNESSEE, 1979-85

Year	Sheep Shorn	Weight Per Fleece	Shorn Wool Production	Price Per Pound	Value[1]
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1979	11	5.9	65	79	51
1980	10	5.7	57	73	42
1981	9	6.0	54	77	42
1982	7.8	5.9	46	43	20
1983	7.2	6.5	47	47	22
1984	6.0	6.8	41	73	30
1985	8.8	6.5	57	52	30

[1]Production multiplied by annual average price.

SHEEP AND LAMBS: NUMBER ON FARMS AND VALUE, TENNESSEE, JANUARY 1, 1978-85

Year	All Sheep and Lambs Number	All Sheep and Lambs Value Per Head	All Sheep and Lambs Value Total	Lambs Ewes	Lambs Wethers and Rams	Sheep one year old and older Ewes	Sheep one year old and older Wethers and Rams
	1,000 Head	Dollars	1,000 Dollars	1,000 Head			
1978	15	29.50	443	2	1	11	1
1979	13	37.50	488	2	1	9	1
1980	12	42.00	504	1	1	9	1
1981	11	53.00	583	1	.5	9	.5
1982	10	56.00	560	1.3	.7	7.5	.5
1983	8	63.50	508	1	.5	6	.5
1984	6	58.00	348	.5	.3	4.8	.4
1985	9	63.50	572	.8	.8	6.8	.6

1985 TENNESSEE DAIRY SUMMARY

Tennessee milk production in 1985 was over 2 billion pounds for the eleventh consecutive year. Production was 2.235 billion pounds, compared with 2.152 billion in 1984 and a five year average of 2.254 billion pounds. The stability of the Tennessee milk supply is a tribute to the managerial skills of Tennessee dairy farmers.

The number of milk cows in Tennessee during 1985 was 210,000 throughout the entire year. This was an increase of 2,000 cows from the 1984 average, but 3,000 cows less than the fine year average. The number of milk replacement heifers on January 1, 1986 totaled 100,000 head, 10,000 head more than on January 1, 1985. The ratio of milk replacement heifers to milk cows on January 1, 1986 was 47.6 heifers per 100 dairy cows, compared with 42.9 a year earlier and the record high ratio of 51.2 on January 1, 1982.

The number of milk cow farms continued to decline in 1985 to a total of 6,700, the lowest on record. The number of farms licensed to sell milk also declined to 3,287 with about 2,000 Grade A producers. Less than 7 percent of Tennessee's farms have one or more milk cows for the production of milk.

Cash receipts from the combined marketings of milk and cream in 1985 were $281.9 million, up $6 million from the 1984 level of $275.9 million. This reversed a three year decline in cash receipts for dairies. Producer returns averaged $13.54 per hundredweight, compared with $13.74 in 1984. Marketings totaled 2.08 billion pounds milk equivalent, up 4 percent from 1984 but down 4 percent from 1983. The milk/feed price ratio for Tennessee continued to be more favorable than the U.S. average during 1985.

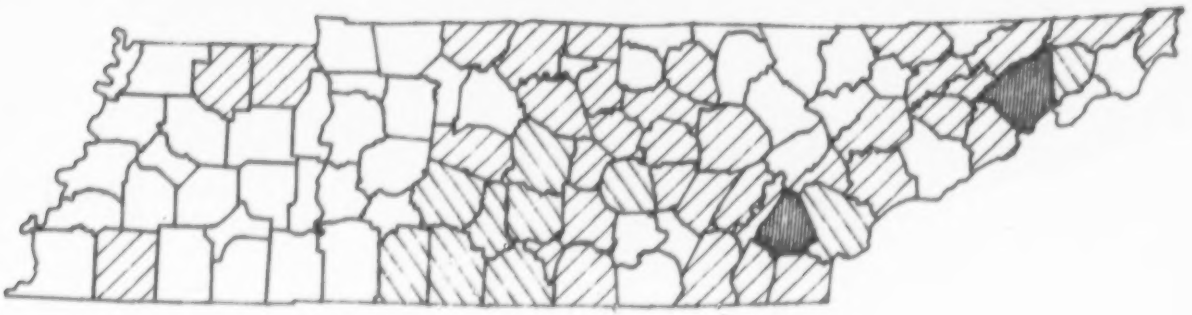
Total productions of manufactured dairy products in Tennessee during 1985 was up slightly from 1984. Production of ice milk, ice milk mix and cottage cheese increased from 1984 while production of ice cream, sherbet, ice cream mix and sherbet mix all decreased. Production data for butter and American cheese cannot be published to avoid disclosing individual operations.

MILK COWS: NUMBER ON FARMS, TENNESSEE, BY MONTHS, 1979-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg.
						1,000 Head							
1979	209	208	208	208	209	210	212	212	212	213	213	213	211
1980	214	214	213	213	213	213	213	214	214	214	215	215	214
1981	215	215	213	213	213	213	213	214	214	214	214	214	214
1982	215	215	215	215	215	215	217	217	217	217	217	217	216
1983	217	217	217	215	215	214	214	214	214	214	214	214	215
1984	212	209	208	208	208	208	208	208	208	208	208	208	208
1985	210	210	210	210	210	210	210	210	210	210	210	210	210

Dairy

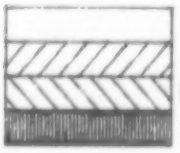
MILK COWS



TOP FIVE COUNTIES

1.	GREENE	15,200 head
2.	MCMINN	10,800 head
3.	LINCOLN	9,600 head
4.	WASHINGTON	8,600 head
5.	MARSHALL	8,000 head

HEAD



Less than 1,000
1,000-4,999
5,000-9,999
10,000 and over

MILK COWS: TENNESSEE, BY COUNTIES, JANUARY 1, 1985-86[1]

District & County	1985 (Number)	1986 (Number)	Rank
Dyer	300	300	76*
Lake	[2]	[3]	92
Lauderdale	500	500	67*
Obion	700	700	55*
Shelby	400	400	72*
Tipton	500	500	67*
District 1	2,400	2,400	
Benton	250	200	82*
Carroll	1,500	1,000	49*
Chester	250	300	76*
Crockett	350	[4]	85*
Decatur	[4]	[4]	85*
Fayette	1,900	1,900	38
Gibson	750	1,000	49*
Hardeman	300	350	75
Hardin	200	200	82*
Haywood	100	[4]	85*
Henderson	250	250	81
Henry	2,400	2,600	27
McNairy	[2]	[4]	85*
Madison	700	500	67*
Weakley	3,400	3,000	21*
Other Counties		200	
District 2	12,350	11,500	
Cheatham	[4]	[4]	85*
Dickson	700	700	55*
Hickman	300	300	76*
Houston	[2]	[2]	93*
Humphreys	600	650	60*
Lawrence	6,000	6,000	11
Lewis	150	150	84
Montgomery	800	800	53*
Perry	[2]	[2]	93*
Robertson	4,100	4,300	17*
Stewart	[4]	[4]	85*
Wayne	[4]	[4]	85*
Other Counties	100	100	
District 3	12,750	13,000	
Bedford	6,100	6,100	9*
Cannon	2,900	2,900	25
Clay	600	600	62*
Davidson	700	800	53*
DeKalb	1,500	1,800	39*
Giles	6,700	6,500	8
Jackson	300	300	76*
Lincoln	9,600	9,300	3
Macon	2,200	2,000	35*
Marshall	8,000	8,000	5
Maury	7,100	7,100	7
Moore	2,100	2,100	33*
Rutherford	7,100	7,200	6
Smith	1,100	1,300	43*
Sumner	3,200	3,000	21*
Trousdale	500	500	67*
Williamson	5,300	5,000	13*
Wilson	3,000	3,000	21*
District 4	68,000	67,500	

District & County	1985 (Number)	1986 (Number)	Rank
Bledsoe	1,600	2,000	35*
Coffee	4,600	4,200	19
Cumberland	2,300	2,500	28*
Fentress	800	900	51*
Franklin	4,000	4,300	17*
Grundy	900	900	51*
Marion	700	600	62*
Morgan	600	600	62*
Overton	2,000	2,100	33*
Pickett	400	300	76*
Putnam	2,000	2,500	28*
Scott	400	400	72*
Sequatchie	600	600	62*
Van Buren	1,100	1,100	47*
Warren	5,500	5,600	12
White	4,900	5,000	13*
District 5	32,400	33,600	
Anderson	700	700	55*
Blount	2,900	2,800	26
Bradley	4,600	4,400	15*
Campbell	500	500	67*
Carter	700	600	62*
Claiborne	2,200	2,200	32
Cocke	2,900	3,000	21*
Grainger	1,500	1,650	41
Greene	15,200	15,000	1
Hamblen	1,600	1,800	39*
Hamilton	1,100	1,200	45*
Hancock	700	700	55*
Hawkins	2,400	2,400	30
Jefferson	3,700	3,700	20
Johnson	1,300	1,200	45*
Knox	1,500	1,600	42
Loudon	4,400	4,400	15*
McMinn	10,800	11,000	2
Meigs	1,200	1,300	43*
Monroe	6,300	6,100	9*
Polk	2,000	2,000	35*
Rhea	1,100	1,100	47*
Roane	750	700	55*
Sevier	800	650	60*
Sullivan	2,200	2,300	31
Unicoi	50	[2]	93*
Union	400	400	72*
Washington	8,600	8,600	4
District 6	82,100	82,000	
STATE	210,000	210,000	

[1]1985 Revised; 1986 Preliminary.
[2]Less than 50 head.
[3]Not published to avoid disclosing individual operations.
[4]Counties combined into Other Counties to avoid disclosing individual operations.

Dairy

AVERAGE MILK PRODUCTION PER COW: TENNESSEE, BY MONTHS, 1979-85

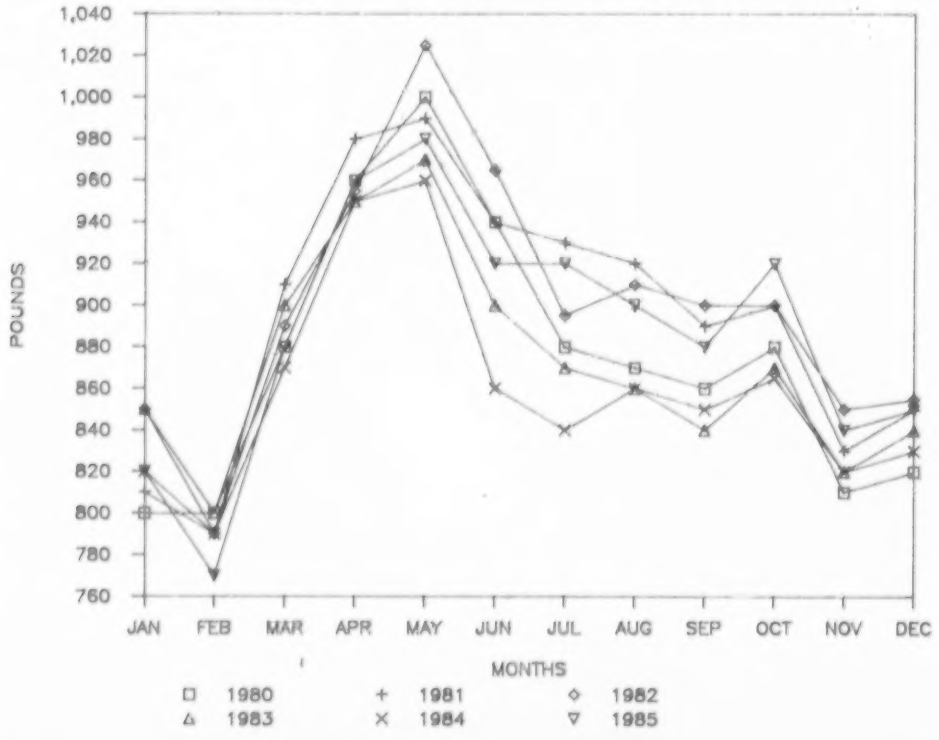
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							Pounds						
1979	760	720	845	910	930	865	840	830	810	850	790	780	9,910
1980	800	800	880	960	1,000	940	880	870	860	880	810	820	10,472
1981	810	790	910	980	990	940	930	920	890	900	830	870	10,748
1982	850	790	890	955	1,025	965	895	910	900	900	850	855	10,769
1983	850	800	900	950	970	900	870	860	840	870	820	840	10,465
1984	820	790	870	950	960	860	840	860	850	865	820	830	10,346
1985	820	770	880	960	980	920	920	900	880	920	840	850	10,643

TOTAL MILK PRODUCED ON FARMS: TENNESSEE, BY MONTHS, 1979-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
							Million Pounds						
1979	159	150	176	189	194	182	178	176	172	181	168	166	2,091
1980	171	171	187	204	213	200	187	186	184	188	174	176	2,241
1981	174	170	194	209	211	200	198	197	190	193	178	186	2,300
1982	183	170	191	205	220	207	194	197	195	195	184	185	2,326
1983	184	174	195	204	209	193	186	184	180	186	175	180	2,250
1984	174	165	181	198	200	179	175	179	177	180	171	173	2,152
1985	172	162	185	202	206	193	193	189	185	193	176	179	2,235

TENNESSEE

MONTHLY MILK PRODUCTION PER COW



MILK PRODUCTION, DISPOSITION, AND INCOME, TENNESSEE, 1979-85

Year	Milk Cows and Production of Milk and Milkfat on Farms: No. of Milk Cows on Farms Thousands	Production Per Milk Cow: Milk Pounds	Production Per Milk Cow: Milkfat Pounds	Percentage Fat in Milk	Total Production on Farms: Milk Million Pounds	Total Production on Farms: Milkfat Million Pounds
1979	211	9,910	368	3.71	2,091	78
1980	214	10,472	390	3.72	2,241	83
1981	214	10,748	399	3.71	2,300	85
1982	216	10,769	393	3.65	2,326	85
1983	215	10,465	386	3.69	2,250	83
1984	208	10,346	383	3.70	2,152	80
1985	210	10,643	392	3.68	2,235	82

Year	Milk Used by Farmers On Farms Where Produced: Fed to Calves	Used for Milk Cream & Butter	Total
	Million Pounds		
1979	48	47	95
1980	40	45	85
1981	40	44	84
1982	44	46	90
1983	41	43	84
1984	110	35	145
1985	118	35	153

Year	Milk Marketed by Farmers: Sold to Plants and Dealers As Whole Milk	Directly to Consumers
	Million Pounds	
1979	1,990	6
1980	2,150	6
1981	2,210	6
1982	2,230	6
1983	2,160	6
1984	2,000	7
1985	2,075	7

Milk Sold to Plants and Dealers: Total	Quantity	Price Per 100 lbs.	Cash Receipts
		Dollars	Thous. Dol.
1,996	1,990	12.20	242,780
2,156	2,150	13.30	285,950
2,216	2,210	13.90	307,190
2,236	2,230	13.60	303,280
2,166	2,160	13.60	293,760
2,007	2,000	13.70	274,000
2,082	2,075	13.50	280,125

Year	Milk Sold Directly to Consumers: Quantity	Price Per Quart	Cash Receipts
	Mil. Qts.	Cents	Thous. Dol.
1979	3	46.0	1,284
1980	3	47.0	1,312
1981	3	48.0	1,340
1982	3	48.0	1,340
1983	3	54.0	1,507
1984	3	57.0	1,856
1985	3	53.0	1,726

Combined Marketings of Milk and Cream: Milk Utilized	Average Returns: Per 100 lbs. of Milk	Per lb. of Milkfat	Cash Receipts From Marketings
Mil. lbs.	Dollars		Thous. Dollars
1,996	12.23	3.30	244,064
2,156	13.32	3.58	287,262
2,216	13.92	3.75	308,530
2,236	13.62	3.73	304,620
2,166	13.63	3.69	295,267
2,007	13.74	3.71	275,856
2,082	13.54	3.68	281,851

Year	Used for Milk, Cream and Butter on Farms Where Produced: Milk Utilized	Value
	Mil. lbs.	Thous. Dollars
1979	47	5,748
1980	45	5,994
1981	44	6,125
1982	46	6,265
1983	43	5,862
1984	35	4,811
1985	35	4,738

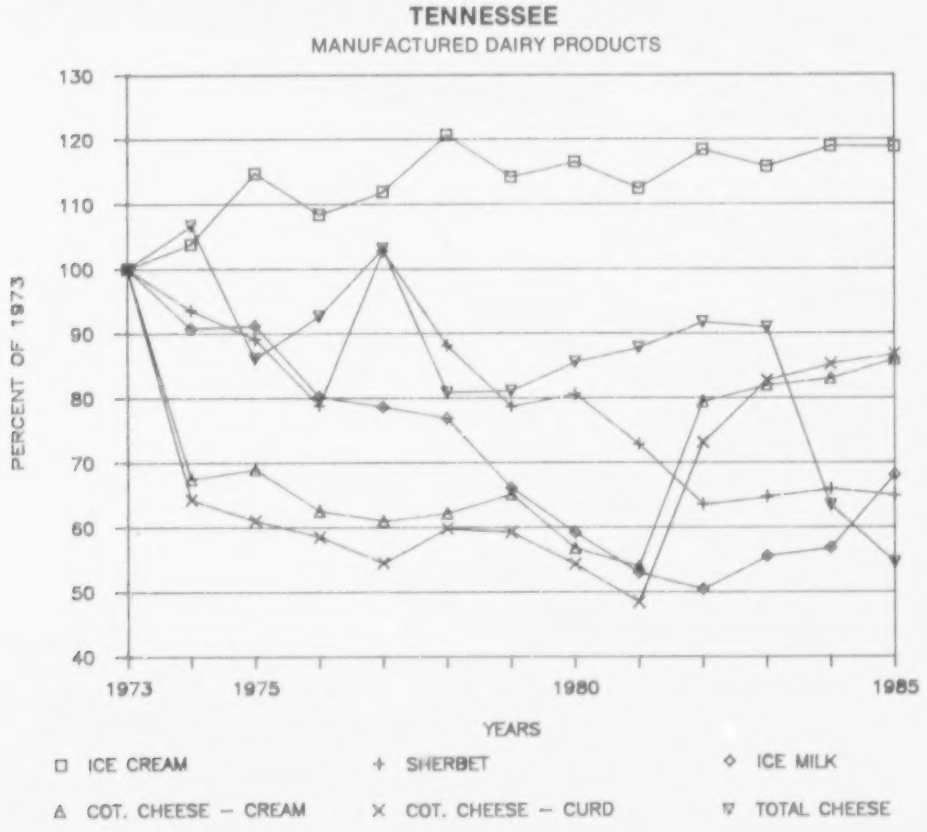
Gross Farm Income From Dairy Products	Farm Value of All Milk Produced
Thousand Dollars	
249,812	255,729
293,256	298,501
314,655	320,160
310,885	316,801
301,129	306,718
280,666	295,786
286,589	302,563

TENNESSEE MANUFACTURED DAIRY PRODUCTS 1973-1985

Tennessee cheese production, excluding cottage cheese, amounted to 20 million pounds, decreasing 14 and 40 percent from 1984 and 1983, respectively. Cottage cheese production, however, showed a moderate increase as compared to last year.

Production of ice cream and sherbet remained about the same, while ice milk increased 20 percent from last year.

Beginning in 1985, American cheese production cannot be published to avoid disclosure of an individual operation.



MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIED PRODUCTS, 1979-85

Year	Total Ice Cream	Sherbet (Milk)	Ice Milk Mix	Ice Cream Mix	Ice Milk Mix	Milk Sherbet Mix
			1,000 Gallons			
1979	18,371	1,114	6,446	9,360	3,183	741
1980	18,751	1,141	5,772	9,592	3,000	746
1981	18,095	1,031	5,164	9,236	2,501	670
1982	19,053	899	4,912	9,577	2,293	587
1983	18,633	916	5,413	9,507	2,379	588
1984	19,135	933	5,536	9,823	2,397	601
1985	19,119	918	6,636	9,702	2,769	590

MANUFACTURED DAIRY PRODUCTS: PRODUCTION BY SPECIFIED PRODUCTS, 1979-85

Year	Creamery Butter	American Cheese Made From Whole Milk	Cottage Cheese Curd	Cottage Cheese Creamed
		Thousand Pounds		
1979	21,697	20,279	4,846	7,292
1980	23,285	21,826	4,439	6,357
1981	26,785	20,834	3,961	6,034
1982	27,329	19,274	5,981	8,896
1983	28,453	21,696	6,768	9,173
1984	[1]	10,613	6,970	9,297
1985	[1]	[1]	7,099	9,625

[1]Production not shown to avoid disclosing individual operations.

MILK FAT TEST: TENNESSEE, BY MONTHS, 1979-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
							Percent					
All Milk												
1979	3.93	3.91	3.79	3.63	3.58	3.56	3.55	3.55	3.63	3.74	3.81	3.86
1980	3.86	3.90	3.82	3.67	3.57	3.55	3.55	3.52	3.59	3.79	3.89	3.92
1981	3.94	3.91	3.78	3.64	3.61	3.56	3.51	3.52	3.60	3.72	3.81	3.86
1982	3.87	3.80	3.73	3.59	3.55	3.52	3.52	3.51	3.58	3.71	3.75	3.84
1983	3.85	3.84	3.70	3.68	3.57	3.55	3.54	3.53	3.56	3.68	3.82	3.93
1984	3.95	3.85	3.77	3.65	3.57	3.55	3.52	3.54	3.59	3.71	3.79	3.85
1985	3.86	3.87	3.70	3.58	3.56	3.55	3.53	3.55	3.63	3.74	3.79	3.87
Fluid												
1979	3.93	3.91	3.80	3.64	3.58	3.56	3.55	3.55	3.63	3.74	3.80	3.85
1980	3.86	3.90	3.82	3.67	3.57	3.55	3.55	3.52	3.59	3.79	3.89	3.93
1981	3.95	3.92	3.78	3.64	3.61	3.56	3.50	3.51	3.59	3.73	3.80	3.87
1982	3.88	3.81	3.74	3.60	3.55	3.53	3.52	3.51	3.58	3.71	3.74	3.84
1983	3.86	3.85	3.70	3.68	3.57	3.56	3.55	3.53	3.56	3.67	3.82	3.93
1984	3.95	3.84	3.77	3.66	3.58	3.55	3.52	3.54	3.59	3.71	3.79	3.85
1985	3.86	3.87	3.70	3.58	3.56	3.56	3.53	3.56	3.63	3.75	3.78	3.87
Manufacturing												
1979	3.91	3.88	3.70	3.59	3.56	3.55	3.55	3.58	3.64	3.77	3.89	3.96
1980	3.85	3.85	3.79	3.69	3.60	3.57	3.53	3.55	3.58	3.78	3.85	3.85
1981	3.89	3.81	3.75	3.63	3.59	3.58	3.57	3.56	3.63	3.68	3.88	3.80
1982	3.84	3.75	3.67	3.56	3.54	3.46	3.50	3.50	3.55	3.69	3.80	3.81
1983	3.80	3.77	3.69	3.67	3.54	3.52	3.51	3.50	3.56	3.72	3.82	3.89
1984	3.90	3.90	3.78	3.61	3.52	3.54	3.52	3.51	3.62	3.68	3.84	3.87
1985	3.81	3.87	3.67	3.56	3.52	3.48	3.50	3.52	3.59	3.66	3.84	3.84

TENNESSEE FARM INCOME

Tennessee's gross farm income increased 14 percent in 1984 to $2.8 billion while total production expenses increased 5 percent to $2.2 billion. As a result, realized net farm income increased 42 percent above 1983. Although the average gross income per farm at $28,376 increased 11 percent from 1983, it was 23 percent above average farm production expenses.

Cash receipts for all Tennessee farm commodities during 1985 totaled $2,057.4 million, down 2 percent from 1984 but 14 percent above 1983. Cash receipts from crops accounted for 51 percent of total receipts while receipts from livestock and products were 49 percent of the total. Receipts for cattle and calves accounted for nearly 21 percent of total receipts, the largest percent for any one commodity. Dairy products ranked second with nearly 14 percent of total receipts, soybeans third, with 12 percent, and tobacco fourth, with 11 percent.

FARM INCOME: REALIZED GROSS INCOME FROM FARMING, TENNESSEE, 1978-85[1]

Year	Cash Receipts From Farm Marketings	Government Payments	Nonmoney Income[2]	Other Income[3]	Total Gross	Average Gross Per Farm
	Million Dollars		Million Dollars			Dollars
1978	1,578.6	15.5	276.2	31.7	1,902.0	19,608
1979	1,776.5	8.4	375.0	30.6	2,190.5	22,818
1980	1,849.6	18.7	438.0	68.0	2,374.2	24,731
1981	1,950.4	20.7	500.6	58.9	2,530.6	26,638
1982	1,969.2	28.1	501.3	57.6	2,556.2	26,907
1983	1,799.8	65.8	475.4	78.2	2,419.2	25,465
1984[4]	2,104.9	76.6	485.4	85.6	2,752.5	28,376
1985[5]	2,057.4					

[1]Parts may not add to totals due to rounding. [2]Includes farm products consumed directly in farm households and the value of housing provided by farm dwellings. [3]Other farm income from recreation, machine hire, and custom work. [4]Revised. [5]Preliminary.

FARM INCOME: REALIZED GROSS INCOME AND NET INCOME FROM FARMING, TENNESSEE, 1978-1985[1]

Year	Total Gross Income	Farm Production Expenses	Realized Net Farm Income[2 3]	Net Change In Farm Inventories	Total Net Farm Income[3 4]	Realized Net Income Per Farm[3]	Total Net Income Per Farm[4]
	Million Dollars			Million Dollars		Dollars	
1978	1,902.0	1,532.9	369.0	-29.5	339.5	3,804	3,500
1979	2,190.5	1,769.3	421.2	-19.2	402.0	4,388	4,188
1980	2,374.2	1,970.0	404.3	-100.0	304.3	4,211	3,170
1981	2,530.6	2,145.2	385.4	+107.9	493.3	4,057	5,193
1982	2,556.2	2,143.8	412.3	+113.9	526.2	4,340	5,539
1983[5]	2,419.2	2,139.4	276.9	-103.0	173.9	2,915	1,831
1984[5]	2,752.5	2,238.1	394.1	+178.0	572.1	4,063	5,898

[1]Parts may not add to totals due to rounding. [2]Farm Operators. [3]Excludes changes in inventories. [4]Includes changes in inventories. [5]Revised.

CASH RECEIPTS FROM FARM MARKETINGS: BY COMMODITIES, 1983-85

Commodity	Cash Receipts ($1,000) 1983[2]	1984[2]	1985[3]	Percent of Total 1985	1985 as Percent of 1984
Livestock and Products	906,468	1,053,683	999,973	48.6	95
Cattle and Calves	355,095	477,099	425,838	20.7	89
Dairy Products	295,267	275,856	281,851	13.7	102
Hogs	125,602	147,137	158,461	7.7	108
Eggs	40,329	43,428	35,721	1.7	82
Broilers	67,159	87,149	79,931	3.9	92
Sheep and Lambs	256	221	218	[1]	99
Wool	22	30	30	[1]	100
Other	22,738	22,763	17,923	0.9	79
Crops	893,374	1,051,248	1,057,473	51.4	101
Cotton, Lint	59,607	77,365	102,980	5.0	133
Cottonseed	8,066	11,805	8,210	[1]	70
Tobacco	236,727	253,069	221,630	10.8	88
Corn	35,593	76,770	127,976	6.2	167
Soybeans	277,580	265,382	243,853	11.9	92
Wheat	64,428	61,355	26,112	1.3	43
Grain Sorghum	2,235	20,089	40,038	1.9	199
Hay	8,164	11,512	14,283	0.7	124
Sweet Potatoes	1,151	1,003	958	[1]	96
Other Field Crops	2,525	3,856	3,940	[1]	102
Potatoes	1,284	2,200	2,200	[1]	100
Snap Beans, Processing	1,784	2,313	2,284	[1]	99
Tomatoes, Fresh Market	8,400	19,320	23,940	1.2	124
Apples	1,144	1,427	994	[1]	70
Peaches	792	2,016	0	—	—
Other Fruits & Vegetables	38,894	47,994	42,949	2.1	89
Greenhouse & Nursery	145,000	193,772	195,126	9.5	101
All Commodities	1,799,842	2,104,931	2,057,446	100.0	98

[1]Less than 0.05 percent. [2]Revised. [3]Preliminary.

PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1978-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Season Average[1]
SOYBEANS (DOLLARS PER BUSHEL)														
1978	5.82	5.80	6.16	6.86	6.90	6.74	6.95	6.64	6.07	6.43	6.57	6.50	6.45	6.50
1979	6.75	7.03	7.20	7.36	7.22	7.43	7.55	7.27	6.80	6.48	6.18	6.36	6.97	6.35
1980	6.62	6.35	5.96	5.83	5.66	6.05	6.92	7.51	7.94	7.93	8.28	7.61	6.88	7.88
1981	8.02	7.97	7.35	7.13	7.45	7.23	7.24	6.79	6.28	5.97	6.05	6.08	6.96	6.06
1982	6.07	6.18	6.18	6.30	6.49	6.22	6.14	5.63	5.06	5.14	5.53	5.64	5.88	5.57
1983	5.65	5.79	5.79	6.31	6.14	6.20	6.58	8.08	8.74	8.12	7.99	8.01	6.95	7.96
1984	7.75	6.95	8.00	8.00	8.19	8.16	6.79	6.59	6.33	6.07	5.91	5.96	7.06	5.94
1985	6.18	6.05	6.05	6.11	5.80	5.85	5.53	5.20	5.05	4.93	5.00	5.04	5.57	5.15
WHEAT (DOLLARS PER BUSHEL)														
1978	2.40	2.55	2.60	2.75	2.80	2.80	2.90	2.95	3.00	3.00	3.15	3.15	2.84	2.85
1979	3.15	3.15	3.30	3.30	3.40	3.70	3.90	3.80	3.80	3.85	3.80	3.95	3.59	3.80
1980	3.90	4.00	4.00	3.75	3.85	3.65	3.70	3.90	4.15	4.40	4.50	4.40	4.03	3.80
1981	4.50	4.40	4.20	4.20	4.00	3.60	3.10	3.30	3.30	3.50	3.60	3.50	3.77	3.50
1982	3.60	3.50	3.40	3.50	3.40	3.00	3.10	3.00	3.00	2.90	3.00	2.90	3.19	3.02
1983	2.70	3.20	3.15	3.25	3.35	3.20	3.30	3.70	3.50	3.50	3.40	3.40	3.30	3.31
1984	3.50	3.30	3.55	3.70	3.55	3.30	3.30	3.35	3.35	3.35	3.50	3.45	3.43	3.30
1985	3.50	3.50	3.50	3.60	3.20	3.10	3.00	2.60	2.50	2.65	3.00	3.10	3.10	3.00
CORN (DOLLARS PER BUSHEL)														
1978	2.25	2.35	2.40	2.45	2.45	2.55	2.50	2.35	2.25	2.20	2.35	2.35	2.37	2.30
1979	2.45	2.50	2.50	2.55	2.65	2.70	3.15	2.90	2.85	2.85	2.70	2.85	2.72	2.80
1980	2.80	2.85	2.90	2.70	2.75	2.75	2.85	3.05	3.40	3.45	3.60	3.60	3.06	3.49
1981	3.70	3.70	3.60	3.65	3.60	3.60	3.40	3.20	2.90	2.70	2.50	2.60	3.26	2.70
1982	2.80	2.70	2.60	2.75	2.70	2.80	2.70	2.50	2.45	2.20	2.50	2.60	2.61	2.67
1983	2.60	2.80	2.85	3.20	3.20	3.30	3.50	3.90	3.60	3.70	3.75	3.35	3.31	3.65
1984	3.55	3.50	3.70	3.75	3.70	3.70	3.75	3.50	3.30	2.90	2.80	2.75	3.41	2.90
1985	2.75	2.90	2.90	2.95	2.85	2.85	2.80	2.50	2.20	2.15	2.40	2.50	2.65	2.45
COTTON LINT (CENTS PER POUND)														
1978	47.0	48.8	50.5	50.0	51.5	51.7	54.1	56.0	56.5	62.1	62.5	62.1	54.4	61.2
1979	59.8	58.1	54.8	55.3	60.0	59.9	61.1	57.0	59.8	63.2	63.0	61.0	59.4	62.9
1980	66.5	78.0	77.1	—	—	—	—	—	78.5	77.3	79.8	79.1	76.6	78.3
1981	79.3	78.8	78.5	75.6	—	—	—	—	59.8	58.5	52.0	51.4	66.7	53.1
1982	49.5	50.7	57.1	58.9	56.1	58.4	55.7	57.1	57.8	58.8	58.9	55.7	56.2	57.7
1983	56.0	52.3	58.5	59.6	67.5	63.7	63.4	66.5	69.0	68.7	68.8	68.8	63.6	68.5
1984	66.0	66.1	69.4	68.6	74.0	70.6	—	—	64.0	61.8	59.2	53.6	65.3	56.2
1985	51.4	47.4	48.9	48.6	—	—	—	—	56.1	54.1	53.6	50.8	51.4	53.2

[1]Crop marketing seasons are as follows: Soybeans—Sept. 1 to Aug. 31; Wheat—June 1 to May 31; Corn—Oct. 1 to Sept. 30; Cotton—Aug. 1 to July 31; Cottonseed—Aug. 1 to July 31; all Hay (alfalfa & other)—May 1 to April 30; Burley Tobacco—Nov. through Feb.

PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1978-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average	Season Average[1]
COTTONSEED (DOLLARS PER TON)														
1978	67.00	—	—	—	—	—	—	—	—	115.00	116.00	110.00	102.00	111.00
1979	115.00	—	—	—	—	—	—	—	—	—	132.00	126.00	124.33	131.00
1980	125.00	125.00	—	—	—	—	—	—	128.00	128.00	128.00	128.00	127.00	128.00
1981	—	—	—	—	—	—	—	—	80.00	77.00	81.00	76.00	78.50	79.00
1982	77.00	—	—	—	—	—	—	—	75.00	67.00	67.00	65.00	70.20	69.00
1983	—	—	—	—	—	—	—	—	—	160.00	165.00	160.00	161.67	161.00
1984	—	—	—	—	—	—	—	—	—	100.00	90.00	80.00	90.00	90.50
1985	75.00	80.00	—	—	—	—	—	—	54.00	52.00	55.00	56.00	62.00	53.00
ALL HAY (DOLLARS PER TON)														
1978	49.00	54.00	57.50	55.00	57.50	52.00	50.00	47.70	47.70	48.15	48.20	49.15	51.33	50.00
1979	50.40	51.50	51.00	51.00	50.80	50.00	49.80	50.30	51.20	49.50	51.70	54.80	51.00	50.50
1980	52.50	50.00	46.00	46.00	45.00	44.50	45.50	44.50	47.00	45.00	44.00	46.00	46.33	46.00
1981	50.50	48.90	45.70	45.20	46.90	46.50	47.00	51.30	48.10	55.70	44.80	56.40	48.92	49.00
1982	47.00	47.00	44.00	45.00	46.00	49.00	47.00	46.00	49.00	47.00	48.00	43.00	46.67	47.50
1983	45.60	50.10	47.60	46.00	43.30	45.00	50.00	49.00	48.00	48.00	48.00	52.00	47.72	49.50
1984	53.00	53.00	56.00	55.00	52.00	58.00	57.00	51.00	50.00	48.00	51.00	50.00	52.83	52.00
1985	53.00	54.00	57.00	52.00	47.00	51.00	51.00	50.00	50.00	53.00	57.00	58.00	52.75	52.00
ALFALFA HAY (DOLLARS PER TON)														
1978	61.80	64.90	65.50	63.50	65.50	63.50	63.00	57.00	59.00	61.50	62.00	63.20	62.53	[2]
1979	63.20	65.00	65.00	65.50	65.50	66.00	64.00	65.00	64.50	64.50	65.00	69.00	65.18	[2]
1980	65.50	66.00	63.50	63.50	62.00	64.50	63.50	62.50	65.50	67.50	69.50	68.00	65.13	[2]
1981	74.00	75.50	64.90	63.00	62.50	59.00	65.00	63.00	67.00	80.00	70.00	78.00	68.49	[2]
1982	66.00	64.00	63.00	61.00	62.00	66.00	63.00	62.00	66.00	68.00	70.00	56.00	63.92	[2]
1983	71.60	69.00	67.90	70.80	70.00	77.00	66.00	73.00	64.00	64.00	66.00	67.00	68.86	[2]
1984	81.00	85.00	70.00	68.00	68.00	72.00	74.00	73.00	73.00	77.00	56.00	61.00	71.50	[2]
1985	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	
ALL OTHER HAY (DOLLARS PER TON)														
1978	47.40	53.60	56.70	54.00	56.50	50.30	48.50	46.50	45.50	46.50	46.50	47.40	49.95	[2]
1979	48.80	49.80	49.30	49.50	49.00	48.00	48.00	48.50	49.50	47.50	50.00	53.00	49.24	[2]
1980	51.00	48.00	44.00	44.00	43.00	42.00	43.00	42.50	44.50	42.00	41.00	43.50	44.04	[2]
1981	47.50	45.60	43.30	43.00	45.00	45.00	45.00	50.00	46.00	53.00	42.00	54.00	46.48	[2]
1982	45.00	45.00	42.00	43.00	44.00	47.00	45.00	46.00	47.00	45.00	46.00	41.00	44.67	[2]
1983	42.70	48.00	45.30	43.20	40.30	41.00	48.00	46.00	46.00	46.00	46.00	50.00	45.21	[2]
1984	50.00	49.00	55.00	54.00	50.00	57.00	48.00	49.00	43.00	45.00	50.00	45.00	49.58	[2]
1985	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	

[1]Crop marketing seasons are as follows: Soybeans—Sept. 1 to Aug. 31; Wheat—June 1 to May 31; Corn—Oct. 1 to Sept. 30; Cotton—Aug. 1 to July 31; Cottonseed—Aug. 1 to July 31; all Hay (alfalfa & other)—May 1 to April 30; Burley Tobacco—Nov. through Feb. [2]Not published.

PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1978-85

Crop Year	November	December	January[2]	February[2]	Season Average[1]
			Burley Tobacco—Type 31		
1978	131.3	130.0	126.5	—	130.2
1979	142.9	146.5	144.0	—	144.0
1980	165.0	166.0	165.5	164.5	165.8
1981	179.5	180.5	181.5	—	180.2
1982	178.3	174.7	174.0	176.0	176.1
1983	182.9	178.9	171.0	166.0	179.4
1984	185.6	186.3	184.9	—	185.8
1985	159.6	159.2	157.6	154.8	159.1

[1]Marketing season for burley tobacco—Nov. through Feb. [2]Following year.

PRICES RECEIVED BY FARMERS IN TENNESSEE, BY YEARS, 1978-85[1]

Crop Year	Eastern Dark Fired—Cured Tobacco (Type 22)	Western Dark Fired—Cured Tobacco (Type 23)	One-Sucker Tobacco (Type 35)
		Cents Per Pound	
1978	113.8	105.0	101.5
1979	116.7	112.4	119.7
1980	143.6	118.1	136.7
1981	164.5	146.6	141.1
1982	156.8	141.1	127.6
1983	184.4	180.9	156.9
1984	154.0	163.5	132.9
1985	152.2	145.0	132.4

[1]Season average prices. Marketing seasons are as follows: Type 22 and Type 23—Jan. through Mar.; type 35—Dec. through Feb.

PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1980-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						BEEF CATTLE (DOLLARS PER CWT.)							
1980	56.20	58.60	55.20	51.00	50.50	51.50	50.50	51.80	51.50	50.80	49.70	48.80	52.00
1981	48.10	49.60	47.50	50.70	47.20	47.90	44.10	46.60	46.80	45.50	42.70	41.40	46.20
1982	41.60	44.60	44.50	46.30	47.30	46.00	46.20	47.20	44.40	43.70	44.30	42.80	45.00
1983	46.60	49.40	50.90	50.40	49.60	48.30	45.80	42.70	42.60	42.60	41.30	42.10	45.40
1984	42.80	46.30	47.60	46.80	45.30	43.60	44.30	45.70	43.80	42.70	43.20	45.10	44.60
1985	43.90	45.50	46.70	49.50	47.40	45.50	41.30	42.80	42.60	42.60	43.80	40.80	44.50
						ALL COWS (DOLLARS PER CWT.)							
1980	46.50	48.60	45.70	42.50	40.50	40.90	39.90	41.60	40.90	40.70	39.70	39.80	42.20
1981	42.50	43.10	40.60	42.50	41.40	40.70	39.80	39.80	38.50	37.10	35.40	34.50	39.40
1982	35.90	37.60	37.50	39.40	40.80	39.30	38.40	38.10	36.80	35.40	35.40	34.60	37.50
1983	37.50	39.50	40.30	40.10	41.70	40.10	39.80	35.70	34.20	33.60	33.10	32.60	36.70
1984	33.80	38.30	40.50	39.30	38.90	37.20	36.60	37.50	34.40	34.50	32.90	33.30	36.20
1985	36.60	37.00	38.00	37.60	38.90	36.30	34.30	34.20	32.70	31.70	32.00	33.00	35.20
						STEERS AND HEIFERS (DOLLARS PER CWT.)							
1980	72.50	76.00	69.90	62.60	61.40	63.80	64.20	66.40	66.10	65.20	63.20	60.90	65.60
1981	58.70	58.10	57.00	59.40	54.30	55.00	52.00	52.20	53.60	51.20	50.00	48.40	53.30
1982	49.20	52.90	54.10	54.60	56.00	54.80	55.00	56.30	53.80	51.90	51.90	51.20	53.70
1983	54.30	57.80	59.00	59.10	57.10	55.60	51.90	49.20	49.30	48.90	49.50	52.00	53.00
1984	53.00	56.60	55.40	54.10	52.70	50.50	51.40	52.80	50.80	50.90	52.00	52.90	52.50
1985	54.00	56.40	55.60	57.80	56.00	53.70	50.00	51.90	50.00	51.10	51.90	50.80	53.40
						CALVES (DOLLARS PER CWT.)							
1980	80.40	87.10	76.20	71.50	69.00	70.50	69.40	69.70	68.90	67.60	65.10	64.00	70.40
1981	63.00	65.10	64.00	65.80	60.70	57.70	53.30	54.90	54.80	52.30	52.90	52.70	57.10
1982	51.40	54.40	56.40	56.90	57.50	55.30	53.70	55.90	53.40	51.30	51.30	54.40	54.30
1983	58.00	63.20	63.40	63.70	62.00	57.30	55.20	50.80	50.30	51.20	53.20	53.60	55.90
1984	55.30	58.60	57.70	57.80	55.60	52.30	52.70	55.30	51.60	52.20	53.40	51.00	54.10
1985	56.30	58.30	58.90	60.30	59.70	56.70	53.60	57.30	54.80	54.60	55.90	53.40	56.50

[1]Marketing year January 1 to December 31.

Farm Income

PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1980-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
						MILK COWS (DOLLARS PER HEAD)							
1980	1,040	1,060	1,060	1,050	1,040	1,070	1,080	1,110	1,120	1,120	1,110	1,140	1,080
1981	1,120	1,130	1,120	1,120	1,120	1,130	1,150	1,130	1,110	1,050	1,070	1,050	1,110
1982[1]	1,060			980			1,030			1,000			1,020
1983	1,000			970			990			900			970
1984	780			790			800			770			785
1985	790			800			810			760			790
						MILK—WHOLESALE, ALL (DOLLARS PER CWT.)							
1980	13.30	13.40	13.20	12.80	12.90	12.80	12.90	13.10	13.40	13.80	14.20	14.20	13.30
1981	14.60	14.40	14.20	13.70	13.60	13.60	13.60	13.50	13.90	14.00	14.20	14.20	13.90
1982	14.10	13.90	13.80	13.50	13.40	13.20	13.40	13.40	13.50	13.50	13.80	13.90	13.60
1983	14.00	14.00	13.80	13.70	13.30	13.40	13.40	13.40	13.40	13.60	13.80	13.70	13.60
1984	13.90	13.50	13.50	13.00	13.10	13.10	13.10	13.20	13.80	14.40	14.60	14.50	13.70
1985	14.70	14.70	14.00	13.50	13.40	13.10	13.10	12.90	12.70	13.00	13.00	12.90	13.50
						MILK—FLUID MARKET (DOLLARS PER CWT.)							
1980	13.50	13.60	13.40	13.00	13.10	13.10	13.20	13.40	13.70	14.10	14.50	14.40	13.60
1981	14.80	14.60	14.40	13.90	13.80	13.90	13.90	13.80	14.20	14.30	14.40	14.40	14.20
1982	14.30	14.10	14.00	13.70	13.70	13.50	13.70	13.70	13.80	13.80	14.00	14.10	13.90
1983	14.20	14.20	14.00	14.00	13.60	13.70	13.70	13.70	13.70	13.80	14.00	13.90	13.90
1984	14.10	13.70	13.70	13.20	13.30	13.40	13.30	13.40	14.10	14.60	14.80	14.70	13.90
1985	15.00	14.90	14.20	13.70	13.60	13.40	13.40	13.20	12.90	13.20	13.20	13.10	13.70
						MILK—MANUFACTURING GRADE (DOLLARS PER CWT.)							
1980	11.20	11.30	11.20	11.20	11.30	11.20	11.20	11.30	11.40	11.70	12.10	12.20	11.40
1981	12.30	12.30	12.30	12.10	12.20	12.10	12.10	12.00	12.00	12.00	12.20	12.20	12.10
1982	12.40	12.20	12.10	12.00	11.80	11.60	11.70	11.70	11.70	11.80	12.00	11.90	11.90
1983	12.10	12.00	11.80	11.70	11.60	11.50	11.50	11.50	11.60	11.80	11.90	12.00	11.70
1984	12.00	11.90	11.90	11.60	11.60	11.50	11.60	11.70	11.90	12.70	12.50	12.40	11.90
1985	11.80	12.50	11.80	11.80	11.50	11.30	11.10	11.00	11.10	11.30	11.50	11.40	11.50

[1]Prices estimated quarterly beginning January 1982.

PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1980-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
HOGS (DOLLARS PER CWT.)													
1980	35.90	36.30	33.00	27.80	28.70	33.80	41.80	46.30	45.50	46.50	45.30	43.00	38.20
1981	40.30	41.00	38.70	38.60	41.50	46.90	49.40	49.30	48.90	45.00	42.50	39.50	43.80
1982	44.20	49.20	48.50	51.90	56.70	57.80	58.40	61.60	61.70	55.80	52.60	53.50	51.40
1983	54.60	55.70	50.00	46.10	45.80	44.50	43.90	46.30	43.30	39.90	38.10	43.40	46.70
1984	48.20	45.30	45.10	47.10	47.30	48.70	52.30	50.90	46.20	43.40	46.90	47.60	47.10
1985	47.10	47.70	43.00	41.00	41.10	43.60	44.90	41.50	39.60	41.50	41.70	44.10	43.20
SHEEP (DOLLARS PER CWT.)													
1980	14.00	17.50	18.50	18.50	17.00	18.50	21.00	20.00	21.00	20.00	20.00	20.00	19.50
1981	20.00	20.00	21.20	21.80	21.80	20.00	18.50	15.00	13.70	11.00	9.30	11.00	17.30
1982	13.00	13.00	17.90	19.40	18.00	17.90	18.80	14.40	16.70	18.50	16.00	18.50	17.20
1983	18.00	19.60	18.90	18.50	17.60	17.20	18.00	17.00	16.00	17.00	19.00	20.00	18.10
1984	21.00	17.50	23.00	17.70	17.80	16.90	18.10	18.80	17.80	20.90	17.90	18.50	20.50
1985	19.90	22.50	26.00	23.60	21.20	21.20	22.00	23.00	18.67	18.70	18.80	18.80	21.20
LAMBS (DOLLARS PER CWT.)													
1980	57.00	54.00	59.00	59.00	57.00	60.00	62.00	61.00	61.00	61.00	58.00	62.00	62.10
1981	61.00	59.00	60.00	60.50	61.70	63.00	66.00	60.00	53.00	55.00	50.00	51.00	60.50
1982	47.60	48.50	58.00	58.70	58.60	57.00	55.50	46.50	56.30	54.00	45.50	47.50	53.80
1983	55.30	56.40	58.50	61.90	59.70	57.80	54.10	53.80	53.00	56.00	56.30	55.00	56.40
1984	56.80	58.80	61.00	58.20	58.30	58.50	58.40	58.10	61.30	62.60	58.70	57.30	59.00
1985	58.30	59.80	59.40	64.70	61.90	65.00	65.00	66.60	67.80	63.00	63.50	59.00	62.80
BROILERS (CENTS PER POUND)[2]													
1980	23.5	23.0	21.5	19.5	22.0	22.5	30.0	32.0	29.0	30.0	28.5	27.5	25.0
1981	27.0	28.0	27.5	25.0	29.0	29.5	29.0	27.0	25.0	23.0	22.0	21.0	27.0
1982	25.5	25.0	25.5	24.0	26.0	27.0	26.5	25.0	25.0	23.5	23.0	23.0	25.0
1983	21.0	25.0	23.0	24.5	26.5	28.5	30.0	31.5	32.0	31.0	33.0	31.0	27.5
1984	36.0	35.5	35.5	32.0	32.0	30.0	31.5	28.5	29.0	27.0	28.0	27.0	31.0
1985	28.0	28.0	27.0	25.5	27.5	29.0	28.0	27.0	27.5	26.0	29.0	27.0	27.5

[1]Hog and Broiler Marketing year Dec. 1 previous year to Nov. 30 current year, Sheep and Lamb Marketing year Jan. 1 to Dec. 31.
[2]Liveweight Equivalent Price.

PRICES RECEIVED BY FARMERS IN TENNESSEE, BY MONTHS, 1978-85

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Marketing Year Average[1]
						MARKET EGGS (CENTS PER DOZEN)							
1978	52.2	56.0	57.1	53.4	51.0	48.1	50.0	52.7	54.3	53.2	57.2	60.7	53.4
1979	64.3	61.7	64.5	59.0	57.0	58.1	55.0	54.0	56.1	54.7	57.5	63.5	58.6
1980	58.4	53.7	56.7	52.9	51.4	52.7	53.1	56.6	59.2	58.7	60.7	67.0	56.5
1981	65.7	63.0	64.0	69.3	59.9	57.5	64.5	68.5	74.5	74.0	76.5	71.0	67.0
1982	75.3	73.7	74.5	67.4	57.4	54.7	55.6	52.0	55.4	59.5	57.6	51.1	62.8
1983	51.5	54.0	56.5	55.9	61.4	59.0	57.0	59.7	63.4	67.9	74.7	66.0	59.1
1984	75.0	91.0	84.0	91.0	71.0	61.0	61.1	60.0	61.3	55.5	64.9	60.5	70.2
1985	49.2	48.5	57.2	51.9	48.8	57.5	50.2	58.9	63.6	65.5	69.9	65.8	56.7

[1]Marketing year Dec. previous year to Nov. current year.

CROP VALUES BY MAJOR GROUPS, TENNESSEE, 1972-85[1]

Year	Field Crops, Forage and Miscellaneous	Fruits and Nuts	Commercial Vegetables	Total Value of All Crops
		Thousands		
1972	418,954	1,974	8,702	430,952
1973	570,652	1,215	10,225	584,787
1974	662,888	1,921	12,375	678,799
1975	629,781	2,721	14,484	648,374
1976	779,797	1,952	10,146	793,500
1977	745,126	2,100	15,415	764,857
1978	877,404	2,437	15,937	897,499
1979	960,253	2,830	14,693	979,071
1980	900,176	2,676	11,310	914,162
1981	1,160,832	2,988	16,198	1,180,018
1982	1,129,168	1,117	16,073	1,146,358
1983	810,993	2,072	10,184	819,550
1984	1,132,189	3,366	21,663	1,157,188
1985	1,015,570	1,034	26,224	1,042,828

[1]Excludes price support.

INDEX NUMBER OF PRICES RECEIVED BY TENNESSEE FARMERS, 1960-85

ALL CROPS INDEX (1977 = 100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1960	38	41	41	41	41	41	41	41	41	41	43	41	41
1961	41	43	44	48	47	47	46	44	44	44	44	44	45
1962	44	44	44	45	46	46	46	46	45	44	44	44	45
1963	43	47	47	46	46	46	46	45	45	46	46	45	46
1964	45	46	46	45	45	44	44	43	44	44	45	45	45
1965	44	46	46	47	47	47	46	44	44	43	45	45	45
1966	45	46	46	48	49	50	51	51	50	48	48	47	48
1967	46	46	46	47	47	47	46	46	45	45	46	45	46
1968	45	45	45	46	46	45	45	45	45	44	44	44	45
1969	44	45	45	46	47	46	46	46	44	44	44	43	45
1970	43	43	44	45	45	46	46	46	47	47	49	48	46
1971	49	50	50	50	50	51	52	51	50	49	49	50	50
1972	52	52	53	54	54	54	54	54	54	53	55	58	54
1973	61	69	75	75	89	101	86	95	84	83	79	86	82
1974	89	93	92	85	84	84	90	103	101	106	106	103	95
1975	94	89	85	90	85	85	87	92	90	87	80	79	87
1976	81	83	82	83	86	96	103	95	98	93	96	99	91
1977	102	107	115	122	120	107	94	90	82	86	87	89	100
1978	90	91	93	98	99	98	100	97	93	97	103	103	97
1979	104	105	105	106	107	109	112	108	106	104	105	108	107
1980	110	110	107	105	105	106	112	117	123	124	131	127	115
1981	130	130	126	124	125	123	122	118	111	108	109	110	120
1982	111	112	112	114	114	113	111	107	104	103	106	106	109
1983	105	108	109	114	114	114	118	131	134	131	132	130	120
1984	128	121	130	133	135	134	124	122	119	114	112	111	124
1985	124	111	112	112	111	111	108	104	101	100	97	99	108

Farm Income

INDEX NUMBER OF PRICES RECEIVED BY TENNESSEE FARMERS, 1960-85

ALL LIVESTOCK INDEX (1977 = 100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1960	55	57	57	56	55	54	54	52	53	54	55	56	55
1961	57	58	55	54	53	52	51	52	53	54	54	55	54
1962	57	56	55	54	53	52	53	54	56	56	57	57	55
1963	57	56	55	53	53	53	53	54	54	54	54	53	54
1964	54	54	53	51	50	49	49	50	51	50	50	50	51
1965	52	53	52	52	54	55	55	56	56	57	58	61	55
1966	62	64	64	61	62	61	61	63	64	64	63	62	63
1967	62	62	61	59	60	61	62	61	62	62	61	62	61
1968	63	63	63	62	62	62	63	64	65	64	64	65	63
1969	67	67	68	67	69	70	71	70	71	71	73	75	70
1970	77	77	76	74	73	72	72	70	70	69	69	68	72
1971	69	72	71	70	70	70	70	71	71	71	73	74	71
1972	77	79	79	78	80	80	84	85	85	85	86	88	82
1973	92	98	106	105	108	110	113	132	122	118	102	110	110
1974	114	116	109	104	97	88	88	90	88	87	86	84	96
1975	84	84	84	86	90	93	94	94	99	102	100	102	93
1976	103	106	105	108	109	108	105	102	100	96	94	98	103
1977	99	102	102	102	102	99	101	98	98	98	97	101	100
1978	106	114	120	124	131	125	127	127	130	132	135	143	126
1979	156	165	167	171	168	156	151	148	150	147	148	149	155
1980	153	157	149	139	139	142	146	151	151	151	150	149	148
1981	147	149	145	148	143	145	141	144	143	142	138	135	144
1982	138	143	143	145	146	144	145	147	144	141	141	139	143
1983	145	151	150	148	146	144	140	137	136	136	136	140	142
1984	144	148	149	147	142	142	145	142	140	137	142	143	143
1985	145	144	143	143	140	139	132	133	133	134	137	134	138

INDEX NUMBER OF PRICES RECEIVED BY TENNESSEE FARMERS, 1960-85

ALL FARM PRODUCTS INDEX (1977 = 100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1960	47	49	50	49	49	48	48	47	47	48	50	49	48
1961	50	50	50	51	50	50	49	49	49	49	50	50	50
1962	51	51	50	50	50	49	50	50	51	50	51	51	50
1963	50	52	51	50	49	50	50	50	50	50	50	49	50
1964	50	50	50	48	48	47	46	47	48	47	48	48	48
1965	48	49	49	50	50	51	51	50	50	51	52	53	50
1966	54	55	55	55	56	56	56	58	57	56	56	55	56
1967	55	54	54	53	54	54	54	54	54	53	54	54	54
1968	54	55	55	54	54	54	54	54	55	54	55	55	55
1969	56	57	57	57	58	59	59	59	58	58	59	60	58
1970	60	61	61	60	60	59	60	59	59	59	60	59	60
1971	59	61	61	61	60	61	61	62	61	61	62	63	61
1972	65	66	66	66	68	68	69	70	70	70	71	74	69
1973	77	84	91	91	99	106	100	114	104	101	96	98	97
1974	102	105	101	95	91	86	89	96	94	96	95	93	95
1975	89	87	85	88	88	89	90	93	95	95	90	91	90
1976	93	95	94	96	98	102	104	99	99	95	95	98	97
1977	100	104	108	111	110	103	98	95	90	92	92	95	100
1978	98	103	107	111	115	112	114	113	113	115	120	123	112
1979	131	137	138	140	139	134	133	129	129	127	128	129	133
1980	133	135	129	123	122	125	130	135	137	138	141	139	132
1981	139	140	135	136	134	135	132	132	129	126	124	123	132
1982	125	128	128	130	131	129	129	128	125	123	124	123	127
1983	126	130	130	132	131	130	130	134	135	134	134	135	132
1984	136	135	140	140	139	136	133	132	130	126	128	128	134
1985	128	128	128	129	126	125	121	119	118	118	118	117	123

TENNESSEE FARM PRODUCTION EXPENSES

Total cost of production of farm products in Tennessee during 1984 was $2,238.1 million, up 4.6 percent from the 1983 cost of $2,139.4 million. Current farm operating expenses for 1984 totaled $1,424.0 million, 4.4 percent more than 1983. Feed expenses for 1984 showed a 3.1 percent decline which was more than offset by increases in the amount paid for livestock, seed, fertilizer, repairs, hired labor and miscellaneous operating expenses. The average operating expense per farm in 1984 was $14,680, an increase of $326 from the 1983 figure of $14,354. The average per farm is derived by dividing current farm operating expenses by number of farms.

FARM PRODUCTION EXPENSES: TENNESSEE, 1977-84[1]

	Current Farm Operating Expenses							
Year	Feed	Livestock	Seed	Fertilizer and Lime	Repairs and Operation of Capital Items	Miscel-laneous	Hired Labor	Total Current Farm Operating Expenses
				Million Dollars				
1977	211.3	19.2	39.6	111.3	186.0	220.7	101.7	889.8
1978	216.6	27.4	37.9	115.7	235.2	261.9	95.3	990.0
1979	253.5	44.9	40.7	123.0	263.5	328.0	105.0	1,158.5
1980	261.4	52.1	43.8	153.5	303.7	368.8	110.4	1,293.7
1981	253.9	51.9	45.3	174.4	311.0	426.4	107.8	1,370.6
1982	228.2	64.0	40.5	137.4	307.9	436.9	124.8	1,339.7
1983	267.9	70.7	38.2	144.3	298.2	424.1	120.0	1,363.6
1984	259.7	96.4	45.4	156.2	312.3	430.5	123.5	1,424.0
1985[2]								

Year	Total Current Farm Operating Expenses	Depreciation and Other Consumption of Farm Capital	Taxes on Farm Property	Interest on Farm Mortgage Debt	Net Rent to Non-Farm Landlords	Total Production Expenses
			Million Dollars			
1977	889.8	321.0	38.6	79.3	34.8	1,363.5
1978	990.0	372.2	39.1	89.8	41.8	1,532.9
1979	1,158.5	418.0	44.4	107.1	41.3	1,769.3
1980	1,293.7	471.0	43.9	125.0	36.3	1,970.0
1981	1,370.6	526.3	49.3	148.8	50.1	2,145.2
1982	1,339.7	534.4	50.8	171.5	47.5	2,143.8
1983	1,363.6	517.4	50.7	177.1	30.7	2,139.4
1984	1,424.0	536.3	51.7	175.8	50.3	2,238.1
1985[2]						

[1]Source. ERS, USDA, "Economic Indicators of the Farm Sector: Financial Summary."
Parts may not add to totals due to rounding.
[2]Not available at time of publication.

PRICES PAID BY FARMERS FOR SELECTED FEEDS: TENNESSEE, BY MONTHS, 1981-85[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars Per Cwt.						
						BRAN						
1981	9.80	9.60	10.00	9.90	10.00	10.00	9.80	9.80	9.30	8.90	9.00	9.40
1982	9.80	9.20	9.30	9.30	9.10	9.40	9.20	9.20	9.00	9.00	9.10	9.00
1983	9.00	8.90	9.10	9.20	9.00	9.00	9.10	8.90	9.00	9.50	9.10	9.50
1984	10.50	10.00	10.50	10.50	10.00	9.70	9.80	9.70	9.50	9.60	9.60	9.80
1985	9.50	9.60	9.70	9.80	9.50	9.40	9.30	9.10	8.90	8.40	8.50	8.80
						MIDDLINGS						
1981	10.00	9.50	10.00	10.00	9.80	9.80	9.70	9.20	9.10	9.10	9.60	9.50
1982	9.20	9.30	9.50	9.00	8.00	8.90	8.80	8.80	8.70	8.70	8.40	8.80
1983	8.70	8.20	8.80	8.90	8.90	8.60	8.20	8.70	9.00	8.70	9.00	9.50
1984	9.80	10.00	9.90	9.70	9.90	10.00	9.70	9.40	9.60	9.50	9.40	9.50
1985	8.80	9.20	9.30	9.40	8.80	8.90	9.00	8.70	8.30	7.80	7.80	7.80
						COTTONSEED MEAL (41% PROTEIN)						
1981	15.50	15.00	15.00	15.50	15.50	15.00	15.00	15.00	15.00	13.50	13.00	13.00
1982	14.00	13.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.00	11.50	12.00
1983	12.00	12.50	12.50	13.00	13.00	13.00	13.00	14.00	15.50	15.50	15.50	15.50
1984	15.50	15.50	14.00	14.50	15.00	14.50	14.00	14.00	13.50	13.00	12.00	11.50
1985	10.50	10.00	10.00	10.00	9.60	9.30	9.30	9.40	8.80	8.90	9.70	10.00
						SOYBEAN MEAL (44% PROTEIN)						
1981	16.00	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	14.50	14.50	14.50
1982	14.50	14.50	14.00	14.00	14.50	14.50	14.00	13.50	13.50	13.00	13.00	12.50
1983	13.00	13.50	13.50	14.00	14.50	14.00	13.50	15.00	16.00	16.00	16.00	15.50
1984	15.50	15.00	13.50	14.00	14.50	14.50	14.50	14.00	13.50	12.50	11.50	11.00
1985	10.50	11.00	11.00	11.00	10.50	10.00	10.00	9.90	9.90	9.90	10.00	10.50
						HOG FEED (14-18% PROTEIN)						
1981	11.50	11.00	11.00	11.00	11.50	11.00	11.00	10.50	10.00	9.50	9.70	10.00
1982	10.50	9.80	9.90	9.90	10.50	10.00	9.80	9.40	9.90	9.50	9.60	9.40
1983	9.60	9.80	9.90	11.00	10.50	11.00	10.00	11.00	12.00	12.00	11.50	11.00
1984	11.50	11.50	11.50	11.50	11.00	11.00	11.00	10.50	10.00	9.50	9.50	9.30
1985	9.50	9.60	9.70	9.60	9.30	9.60	9.30	9.10	8.90	8.80	8.90	9.20
						Dollars Per Ton						
						MIXED DAIRY FEED (16% PROTEIN)						
1981	205	200	193	194	200	199	188	182	180	172	174	176
1982	188	179	178	178	178	171	174	173	170	167	166	171
1983	171	172	176	186	188	187	185	195	210	210	205	205
1984	205	205	198	200	200	198	186	188	182	173	168	166
1985	172	168	169	166	162	166	163	157	157	153	160	163
						LAYING FEED						
1981	210	205	200	205	220	230	205	193	190	183	179	186
1982	186	185	190	191	186	187	181	177	173	174	172	174
1983	176	181	181	210	215	210	196	220	220	215	215	215
1984	215	215	210	215	215	215	205	200	197	185	176	173
1985	175	179	177	176	170	172	171	164	173	168	162	171

[1]Prices are as of the 15th of the month.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, 1983-85

Commodity and Unit	Annual Average Price[1] 1983	1984	1985
TENNESSEE		Dollars	
MOTOR SUPPLIES, EQUIPMENT AND SERVICE:			
Gasoline, regular, per gallon, including taxes			
Service Station (unleaded)	1.14	1.14	1.14
Bulk Delivery (leaded)	1.20	1.09	1.10
Diesel Fuel, per gallon	.96	.96	.93
Motor Oil, regular (non-detergent), per gallon	4.69	4.65	4.58
Motor Oil, heavy duty (detergent), per gallon	5.04	4.90	4.79
Motor Oil, all weather (high-detergent), per gallon	5.55	5.18	5.04
Grease, per 35-pound pail	33.50	31.00	31.00
Grease, per 14½ ounce cartridge	1.14	1.08	1.09
Auto Tires, each			
Bias-belted, E78-14	46.40	44.40	43.90
Truck Tires, 7.00 x 15, 6 ply, each	63.80	56.80	70.80[4]
Tractor Tires, rear, 18.4 x 34, 6 ply, each	348.00	338.00	368.00[5]
Storage Batteries			
220-310 amps, each	47.40	47.40	47.40
315-500 amps, each	58.50	57.00	59.50
Spark Plugs, each	1.63	1.53	1.58
Antifreeze, permanent, per gallon	3.90	3.85	4.03
Oil Filter, spin-on type, each	5.05	4.48	4.18
Reline Brakes, (Ford, Chevrolet, Plymouth)	83.00	84.00	80.50
Motor Tune-up, (Ford, Chevrolet, Plymouth)			
Labor Only	20.30	17.50	17.50
APPALACHIAN REGION[2]			
BUILDING MATERIALS:			
Lumber, per 1,000 board ft.			
2″ x 4″ Pine, standard and better	329.00	332.00	334.00
Rough Boards, for farm fences and construction	340.00	326.00	327.00
Dressed Boards, 1 inch Pine, No. 2 and better	475.00	465.00	499.00
Fiberglass Shingles, mineral surface			
approx. 220 lbs. per square[3]	26.60	25.70	25.20
Galvanized Steel Roofing 28-29 ga., per 100 sq. ft.	38.70	37.70	37.10
Insulating Sheathing (asphalt treated), reg. den.,			
½″, per 4′ x 8′ sheet	4.28	4.36	4.68
Plywood, C-D-X ½″ (ext. glue) per 4′ x 8′ sheet	9.09	8.76	8.68
Concrete Blocks, 8″ x 8″ x 16″, per 100	74.90	78.20	80.40
Portland Cement, 94 lbs. net, each	5.48	5.74	6.02
Posts, Wood, farm line fence, 3″-4″ diameter			
6′-7′ length, treated	3.95	3.88	3.89
House Paint, exterior, latex per gallon	15.60	15.50	15.80

[1]Annual Average Prices are straight rather than weighted averages. [2]Includes Tennessee, North Carolina, Kentucky, Virginia, West Virginia. Individual State estimates are not published. [3]Prior to 1984 Asphalt 240 lbs. per square. [4]1985-7.50-16 Load Range D. [5]1985-18.4 x 38, 6 ply.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, 1983-85

Commodity and Unit	Annual Average Price[1] 1983	1984	1985
APPALACHIAN REGION[2]		**Dollars**	
FARM SUPPLIES:			
Plastic Tubing, 1 inch, I.D., per foot	.239	.231	.233
Barbed Wire, galvanized, 12½ gauge:			
2 Point, per 80 rod spool	36.00	35.10	34.80
4 Point, per 80 rod spool	39.80	38.60	37.50
Field and Stock Fence, 6" stay wire sp.,			
12½ gauge:			
32 inches high, per 20 rod roll	74.20	76.10	74.20
39 inches high, per 20 rod roll	87.40	87.60	85.30
Posts, line fence, steel, each	3.34	3.29	3.22
Staples, fence, per pound	.693	.696	.709
Metal Pails, galvanized, 12 quart, each	4.70	4.62	4.65
Pitch Forks, 4 tine, each	19.20	19.70	20.60
Shovels, aluminum grain scoop, each	25.00	26.70	26.60
Nail Hammers, 16 oz. head, with handle, each	13.10	13.10	14.30
Adjustable End Wrench, 10 inch, each	10.70	11.00	11.80
Grease Gun, hand pressure, 1 pound capacity, each	10.40	10.50	10.80
Chain Saw, gasoline, 20 inch, each	361.00	375.00	372.00
Acetylene Welder Outfits, complete, each	234.00	229.00	238.00
Polypropylene Rope, ½ inch, per 100 feet	18.90	18.40	18.30
Electric Cable, indoor, non-metallic sheathed,			
2 Wire, per 100 feet	19.30	18.80	18.50
Nails, 8D, common, per pound	.615	.621	.603
Bailer Twine, per 40 lb. bale	25.50	23.00	20.70
FARM MACHINERY:			
Tractors, wheel-type, each			
30-39 belt hp	11,300.00	11,400.00	10,700.00
50-59 belt hp	16,200.00	16,400.00	15,800.00
110-129 belt hp	37,300.00	39,600.00	38,700.00
Mowers, tractor drawn or mounted, 7 ft.	2,160.00	2,370.00	2,400.00
Plows, tractor drawn or mounted			
3 bottoms, one way	1,880.00	1,930.00	2,010.00
5 bottoms, one way	4,000.00	4,350.00	4,290.00
Planters, corn with fertilizer attachment			
4 row	6,300.00	6,770.00	7,460.00
Disk[3]	7,250.00	7,500.00	7,850.00
Tractor Manure Loaders, hydraulic	3,340.00	3,450.00	3,520.00
Farm Wagons, less tires and box, 8-10 ton	779.00	819.00	873.00
Manure Spreader, power driven			
141-190 bushel capacity	4,820.00	4,900.00	5,300.00

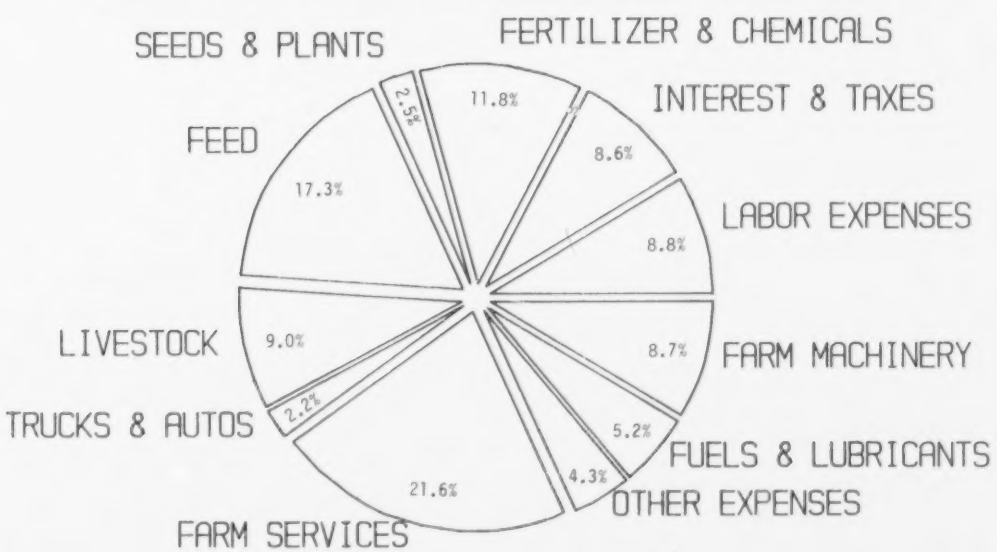
[1]Annual averages are straight rather than weighted averages. [2]Includes Tennessee, North Carolina, Kentucky, Virginia and West Virginia. Individual State estimates are not published. [3]Disk harrow, tandem, 16ft., with transport wheel and hydraulic lift, less tires.

PRICES PAID BY FARMERS FOR COMMODITIES USED IN PRODUCTION, 1983-85

Commodity and Unit	Annual Average Price[1] 1983	1984	1985
EAST SOUTH CENTRAL REGION[2]		**Dollars**	
FERTILIZER AND PESTICIDE MATERIALS:			
Commercial Fertilizer, per ton			
5-10-15	169.00	174.00	162.00
5-20-20	178.00	183.00	166.00
6-12-12	153.00	152.00	144.00
10-10-10	145.00	143.00	142.00
Superphosphate, 44-46% P_2O_5, per ton	203.00	214.00	190.00
Nitrate of Soda, per ton	200.00	201.00	216.00
Ammonium Nitrate, per ton	180.00	195.00	184.00
Urea, 45-46% N, per ton	192.00	210.00	199.00
Muriate of Potash, 60% K_2O, per ton	149.00	153.00	135.00
Anhydrous Ammonia, per ton	232.00	262.00	236.00
Limestone, spread on field, per ton	16.05	16.00	15.40
Atrazine, 80% wettable powder, per 5 lb.	9.96	8.87	8.22
Alachlor, per 5 gal.	97.40	101.00	103.00
Parathion, per 5 gal.	57.65	56.30	56.00
Malathion, per 5 gal.	85.25	90.70	83.90

[1]Annual average prices are straight rather than weighted averages. [2]Includes Tennessee, Kentucky, Louisiana, Mississippi and Alabama. Individual State estimates are not published.

FARM PRODUCTION EXPENSES APPALACHIAN REGION, 1985[1]



[1]Appalachian Region includes Kentucky, North Carolina, Tennessee, Virginia and West Virginia.

COTTON PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE, 1984

ITEM	1984 DOLLARS
Cash Receipts:	
Primary Crop	269.64
Secondary Crop	39.70
Total	336.34
Cash Expenses:	
Seed	14.90
Fertilizer	41.71
Lime and Gypsum	.80
Chemicals	27.28
Custom Operations	14.69
Fuel, Lube, and Electricity	15.55
Repairs	27.09
Ginning	39.65
Miscellaneous	.53
Technical Services	.66
Total, Variable Expenses	182.86
General Farm Overhead	20.00
Taxes and Insurance	9.94
Interest	59.51
Total, Fixed Expenses	89.45
Total, Cash Expenses	272.21
Receipts Less Cash Expenses	64.03
Capital Replacement	50.76
Receipts Less Cash Expenses and Replacement	13.27
Economic (Full Ownership) Costs:	
Variable Expenses	182.86
General Farm Overhead	20.00
Taxes and Insurance	9.94
Capital Replacement	50.76
Allocated Returns to Owned Inputs:	
Return to Operating Capital	4.79
Return to Other Nonland Capital	13.53
Net Land Rent	51.60
Labor (Paid and Unpaid)	20.61
Total, Economic Costs	354.09
Residual Returns to Management and Risk	-17.75
Total, Returns to Owned Inputs	72.78
Harvest-Period Price (Dollars/Bu.)	.62
Yield (Bu./Planted Acre)	480.00

All costs and returns are preliminary as of 03/25/86.

CORN PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE, 1984

ITEM	1984 DOLLARS
Cash Receipts:	
Primary Crop	268.71
Total	268.71
Cash Expenses:	
Seed	15.50
Fertilizer	58.68
Lime and Gypsum	1.28
Chemicals	19.85
Custom Operations	5.97
Fuel, Lube, and Electricity	11.95
Repairs	11.56
Drying	4.97
Miscellaneous	.04
Total, Variable Expenses	129.80
General Farm Overhead	11.26
Taxes and Insurance	7.98
Interest	33.51
Total, Fixed Expenses	52.75
Total, Cash Expenses	182.55
Receipts Less Cash Expenses	86.16
Capital Replacement	27.51
Receipts Less Cash Expenses and Replacement	58.65
Economic (Full Ownership) Costs:	
Variable Expenses	129.80
General Farm Overhead	11.26
Taxes and Insurance	7.98
Capital Replacement	27.51
Allocated Returns to Owned Inputs:	
Return to Operating Capital	4.71
Return to Other Nonland Capital	8.47
Net Land Rent	52.65
Labor (Paid and Unpaid)	16.95
Total, Economic Costs	259.33
Residual Returns to Management and Risk	9.38
Total, Returns to Owned Inputs	92.16
Harvest-Period Price (Dollars/Bu.)	2.89
Yield (Bu./Planted Acre)	92.98

All costs and returns are preliminary as of 03/25/86.

SOYBEANS PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE, 1984

ITEM	1984
	DOLLARS
Cash Receipts:	
Primary Crop	149.64
Total	149.64
Cash Expenses:	
Seed	8.75
Fertilizer	11.85
Lime and Gypsum	2.24
Chemicals	19.43
Custom Operations	3.77
Fuel, Lube, and Electricity	9.23
Repairs	7.35
Miscellaneous	.38
Technical Services	.08
Total, Variable Expenses	63.08
General Farm Overhead	7.74
Taxes and Insurance	6.06
Interest	23.03
Total, Fixed Expenses	36.08
Total, Cash Expenses	99.91
Receipts Less Cash Expenses	49.73
Capital Replacement	26.09
Receipts Less Cash Expenses and Replacement	23.64
Economic (Full Ownership) Costs:	
Variable Expenses	63.08
General Farm Overhead	7.74
Taxes and Insurance	6.06
Capital Replacement	26.09
Allocated Returns to Owned Inputs:	
Return to Operating Capital	3.26
Return to Other Nonland Capital	6.33
Net Land Rent	30.86
Labor (Paid and Unpaid)	13.11
Total, Economic Costs	156.53
Residual Returns to Management and Risk	-6.89
Total, Returns to Owned Inputs	46.67
Harvest-Period Price (Dollars/Bu.)	5.91
Yield (Bu./Planted Acre)	25.32

All costs and returns are preliminary as of 03/25/86.

SOFT RED WINTER WHEAT PRODUCTION COSTS PER PLANTED ACRE, TENNESSEE, 1984

ITEM	1984
	DOLLARS
Cash Receipts:	
Primary Crop	124.63
Secondary Crop	8.12
Total	132.75
Cash Expenses:	
Seed	10.79
Fertilizer	37.38
Lime and Gypsum	1.92
Chemicals	3.23
Custom Operations	5.70
Fuel, Lube, and Electricity	8.16
Repairs	7.16
Miscellaneous	.42
Total, Variable Expenses	74.76
General Farm Overhead	5.18
Taxes and Insurance	5.25
Interest	15.41
Total, Fixed Expenses	25.84
Total, Cash Expenses	100.60
Receipts Less Cash Expenses	32.15
Capital Replacement	20.57
Receipts Less Cash Expenses and Replacement	11.58
Economic (Full Ownership) Costs:	
Variable Expenses	74.76
General Farm Overhead	5.18
Taxes and Insurance	5.25
Capital Replacement	20.57
Allocated Returns to Owned Inputs:	
Return to Operating Capital	4.40
Return to Other Nonland Capital	5.59
Net Land Rent	25.40
Labor (Paid and Unpaid)	12.28
Total, Economic Costs	153.43
Residual Returns to Management and Risk	-20.68
Total, Returns to Owned Inputs	26.99
Harvest-Period Price (Dollars/Bu.)	3.32
Yield (Bu./Planted Acre)	37.54

All costs and returns are preliminary as of 03/25/86.

MISCELLANEOUS

FERTILIZER USAGE: SOYBEANS AND COTTON, TENNESSEE, 1978-85[1]

Year	Acres Harvested Thousands	Fields in Survey Number	Acres Receiving				Rate Per Acre Receiving[2]			Acres Fertilized[3]		
			Any Fert.	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding Only	After Seeding Only	At or Before & After Seeding
				Percent			Pounds			Percent		
						Cotton						
1978	230	97	96.9	96.9	94.8	94.8	73.8	69.4	74.3	83.0	2.1	14.9
1979	230	98	99.0	99.0	99.0	99.0	76.3	74.4	79.2	81.4	1.0	17.6
1980	275	100	100.0	100.0	94.0	94.0	73.3	64.1	74.2	75.0	1.0	24.0
1981[4]	305	—	—	—	—	—	—	—	—	—	—	—
1982	255	99	97.0	97.0	97.0	97.0	67.1	62.3	68.1	77.1	0	22.9
1983	215	99	100.0	100.0	100.0	100.0	91.0	65.0	71.0	58.0	0	42.0
1984	325	97	100.0	100.0	100.0	100.0	82.0	62.0	68.0	67.0	0	33.0
1985	335	100	100.0	99.0	97.0	94.0	78.0	61.0	67.0	82.0	5.0	13.0
						Soybeans						
1978	2,420	87	83.9	56.3	83.9	83.9	16.7	48.2	59.7	100.0	0	0
1979	2,620	82	68.3	43.9	65.9	67.1	13.8	46.0	63.4	98.2	1.8	0
1980	2,550	82	74.4	51.2	73.2	73.2	15.6	45.0	58.0	98.4	1.6	0
1981	2,350	79	69.6	43.0	65.8	69.6	14.0	41.9	59.6	98.2	1.8	0
1982	2,350	75	62.7	33.3	62.7	62.7	14.2	42.7	55.3	95.7	4.3	0
1983	1,920	85	67.0	38.0	65.0	67.0	20.0	48.0	60.0	100.0	0	0
1984	1,850	89	64.0	40.0	61.0	63.0	16.0	43.0	60.0	94.0	4.0	2.0
1985	1,460	87	66.0	33.0	59.0	66.0	19.0	45.0	63.0	100.0	0	0

[1]Source: ERS, USDA, "Agricultural Resources." [2]P_2O_5 is converted to P by multiplying by .43642; K_2O is coverted to K by multiplying by .83016. [3]Percentages apply to acres receiving fertilizer, not to total acres harvested. [4]Unavailable.

FERTILIZER CONSUMPTION: TENNESSEE, 1946-85

Year	Mixtures (Tons)	Direct Application Materials (Tons)	Total Fertilizer (Tons)
1946	223,896	188,271	412,167
1947	275,280	142,842	418,122
1948	343,894	156,380	500,274
1949	353,585	145,463	499,048
1950	340,553	165,785	506,338
1951	389,069	159,236	548,305
1952	443,327	159,533	602,860
1953	417,609	162,302	579,911
1954	395,132	128,962	524,094
1955	409,546	122,265	531,811
1956	410,208	105,931	516,139
1957	423,602	121,511	545,113
1958	410,013	103,472	513,485
1959	476,761	124,440	601,201
1960	490,631	133,408	624,039
1961	470,113	154,744	624,857
1962	487,523	154,829	642,352
1963	496,617	162,957	659,574
1964	531,835	164,979	696,814
1965	542,094	134,988	677,082
1966	615,165	181,368	796,533
1967	615,693	206,101	821,794
1968	610,506	162,409	772,915
1969	623,385	202,016	825,401
1970	534,450	215,997	750,447
1971	516,897	229,075	745,972
1972	508,539	227,596	736,135
1973	505,645	260,846	766,491
1974	524,490	291,560	816,050
1975	420,406	271,230	691,636
1976	440,466	301,734	742,200
1977	497,970	361,097	859,067
1978	449,873	348,101	797,974
1979	435,262	346,292	781,554
1980	410,396	365,273	775,669
1981	431,764	454,371	886,135
1982	304,293	407,155	711,448
1983	278,360	390,177	668,537
1984	321,829	399,226	721,055
1985	313,598	423,635	737,233

NUMBER OF FARMS AND LAND IN FARMS: TENNESSEE, 1979-86[1]

Year	Number of Farms	Land in Farms	Average Size of Farm	Year	Number of Farms	Land in Farms	Average Size of Farm
	1,000	1,000 Acres	Acres		1,000	1,000 Acres	Acres
1979	96	13,700	143	1983	95	13,400	141
1980	96	13,600	142	1984	97	13,400	138
1981	95	13,500	142	1985	98	13,400	137
1982	95	13,400	141	1986[2]	96	13,000	135

[1]A farm is defined as a place that sells or could sell $1,000 or more of agricultural products per year. [2]Preliminary.

FARM REAL ESTATE: TENNESSEE, 1979-1986

Year	Value of Land and Buildings			Gross Cash Rent Per Acre	
	Average Per Acre	Average Per Farm	Total	Farms	Cropland
	Dollars		Million Dollars	Dollars	
1979	860	122,700	11,782	37.00	47.10
1980	976	138,300	13,274	41.00	51.00
1981	1,070	152,100	14,445	43.80	50.90
1982	1,040	146,700	13,936	45.00	54.60
1983	1,014	143,000	13,588	40.50	47.90
1984	1,044	144,200	13,990	44.21	50.66
1985	982	134,300	13,159	35.41	45.76
1986[1]	992	134,300	12,896	41.15	47.35

[1]Preliminary.

REAL ESTATE TAXES: TAXES LEVIED ON FARM REAL ESTATE, TENNESSEE, 1981-85

Year	Taxes Levied on Farm Real Estate		Average Taxes Per $100 of Full Value
	Total	Average Per Acre	
	Million Dollars	Dollars	Dollars
1981	42.9	3.42	.32
1982	43.4	3.49	.34
1983[1]	45.5	3.66	.36
1984	[2]	[2]	[2]
1985	[2]	[2]	[2]

[1]Preliminary. [2]Not available from USDA, Economic Research Service at time of publication.

FARM REAL ESTATE DEBT: AMOUNT OUTSTANDING BY LENDER, TENNESSEE, DECEMBER 31, 1980-84[1]

LENDER	1980	1981	1982	1983	1984[2]
			Thousand Dollars		
Federal Land Banks	570,000	658,000	687,000	679,000	671,000
Farmers Home Adm.	231,000	261,000	276,000	288,000	306,000
Life Insurance Companies	81,000	83,000	86,000	71,000	69,000
All Operating Banks	373,000	345,000	339,000	345,000	345,000
Individuals and others	294,000	310,000	312,000	315,000	291,000
Total Farm Real Estate Debt	1,550,000	1,657,000	1,700,000	1,698,000	1,683,000

[1]Source: ERS, USDA, *Economic Indicators of the Farm Sector: State Financial Summary.* Numbers may not add because of rounding. [2]Preliminary.

FOREIGN AGRICULTURAL TRADE

INTRODUCTION

USDA's Economic Research Service (ERS) publishes estimates of U.S. agricultural export contributions by States on a fiscal year basis. These estimates are prepared by major commodity groups and in most cases are based on the assumption that, for each commodity, a State contributes the same export share as its share of production. However, where obvious distortions exist, this procedure is amended. In order to keep data manageable, ERS made decisions on apportioning exports, such as limiting exports only to States that account for 90 percent of a given commodity's output. They also assumed that a State would export only if it had an apparent surplus. ERS assumes that, although this method could eliminate some export States, it's more likely that large exporters would be sufficiently credited. Thus, for Tennessee, ERS no longer publishes estimates for wheat, feed grains, fruits or nuts, and no allowance is made for them in the "Other" category.

UNITED STATES

The share of U.S. agricultural production that was exported in FY 1985 (Oct. 1984-Sept. 1985), based on gross cash income, fell to 17 percent, the lowest level in 13 years, compared with 22 percent in 1984 and a peak of 26 percent in 1981. Although the farm output value rose to a record-high $153.3 billion in 1984, exports fell to $31.2 billion, their lowest level in 7 years (export value is multiplied by a factor of 0.85 to bring it to the farm level). Another measure used to illustrate the U.S. farm economy's dependence on exports is the amount of acreage harvested for export. In FY 1985, the output from approximately 32 percent of all U.S. farmland acreage harvested was exported.

The events of the past 4-years—the high-valued dollar, increased competition from other suppliers, and declining income—continue to depress U.S. farm exports. As export markets dry up, an imbalance is created with more farm products available on the domestic market, which drives prices down. However, lower prices have not stimulated additional demand or forestalled the loss of some markets. Commodities such as meat, milk, fruits, and vegetables, are produced almost solely for the domestic market. Less than 10 percent of this output is exported.

U.S. production of nearly all the major agricultural commodities rose in 1984, as land that had been taken out of farming for the Payment-in-Kind (PIK) program came back into production, and better growing conditions increased yields.

AGRICULTURAL EXPORTS: TENNESSEE AND U.S., 1984-85

Commodity	Tennessee		United States	
	1984	1985	1984	1985
	Million Dollars			
Soybeans and Products	145.4	136.2	7,548.1	5,267.7
Tobacco, unmanufactured	77.4	79.2	1,432.7	1,587.9
Cotton and Linters	46.7	51.1	2,405.1	1,966.8
Wheat and Products	—	—	6,783.2	4,525.8
Feed Grains and Products	—	—	9,076.0	7,584.9
Animals and Meat, Excluding Poultry	11.4	12.4	1,205.9	1,160.9
Fats, Oils, and Greases	5.6	4.7	703.2	607.9
Poultry and Products	1.0	.9	412.8	392.8
Hides and Skins	9.4	9.1	1,317.8	1,324.6
Cottonseed and Products	2.2	3.9	112.3	151.7
Vegetables and Preparations	.6	.9	998.5	945.8
Dairy Products	6.3	5.7	393.5	413.2
Fruits and Preparations	—	—	1,270.2	1,200.1
Tree Nuts	—	—	371.7	512.0
Feeds & Fodder	.7	1.2	550.0	473.3
Seeds	2.9	3.2	325.9	353.3
Other	6.1	6.7	1,502.6	1,414.0
All Commodities	315.8	315.2	38,026.8	31,186.7

Source: ERS Foreign Agricultural Trade of the United States—Fiscal year ending September 30.

VALUE OF U.S. FOREIGN TRADE AND TRADE BALANCE, CALENDAR YEARS 1970-85

Year	U.S. Exports				U.S. Imports				Trade Balance		
	Agricultural	Non Agricultural	Total	Percent Agricultural	Agricultural	Non Agricultural	Total	Percent Agricultural	Agricultural	Non Agricultural	Total
	Million Dollars			Percent	Million Dollars			Percent	Million Dollars		
1970	7,259	35,331	42,590	17	5,770	33,986	39,756	15	1,489	1,345	2,834
1971	7,693	35,799	43,492	18	5,823	39,693	45,516	13	1,870	- 3,894	- 2,024
1972	9,401	39,558	48,959	19	6,467	48,843	55,310	12	2,934	- 9,285	- 6,351
1973	17,680	52,566	70,246	25	8,419	60,605	69,024	12	9,261	- 8,039	1,222
1974	21,945	75,199	97,144	23	10,221	89,919	100,140	10	11,724	- 14,720	- 2,996
1975	21,859	84,702	106,561	21	9,293	87,638	96,931	10	12,566	- 2,936	9,630
1976	22,978	90,688	113,666	20	10,966	110,486	121,452	9	12,012	- 19,798	- 7,786
1977	23,636	95,370	119,006	20	13,438	134,538	147,976	9	10,198	- 39,168	- 28,970
1978	29,382	111,744	141,126	21	14,805	158,107	172,912	9	14,577	- 46,363	- 31,786
1979	34,749	143,842	178,591	19	16,724	189,126	205,850	8	18,025	- 45,284	- 27,259
1980	41,233	175,359	216,592	19	17,366	226,611	243,977	7	23,867	- 51,252	- 27,385
1981	43,339	185,622	228,961	19	16,772	242,240	259,012	6	26,567	- 56,618	- 30,051
1982	36,627	170,531	207,158	18	15,341	226,999	242,340	6	21,286	- 56,468	- 35,182
1983	36,099	159,870	195,969	18	16,530	240,150	256,680	6	19,569	- 80,280	- 60,711
1984	37,804	174,253	212,057	18	19,334	303,656	322,990	6	18,470	-129,403	-110,933
1985	29,025	177,900	206,925	14	19,968	323,585	343,553	6	9,057	-145,685	-136,628

Source: Foreign Agricultural Trade of the Unites States, USDA, ERS

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM 14 REPORTED TENNESSEE AUCTIONS, 1979-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
STEERS—Medium Frame No. 1*					Price Per Hundredweight ($)								
300-400 lbs.													
1979	95.30	108.38	110.94	121.62	110.40	100.19	101.25	102.90	98.12	94.12	94.25	90.17	102.30
1980	99.20	107.81	89.38	82.10	79.75	80.38	78.15	82.19	81.38	79.55	76.75	75.38	84.33
1981	77.19	79.25	75.81	79.60	70.44	68.25	63.10	68.19	69.70	67.19	65.19	62.31	70.52
1982	61.06	63.32	69.10	68.19	67.63	64.40	64.62	68.75	65.40	62.38	61.94	62.31	64.93
1983	69.75	74.56	77.15	75.25	72.50	69.35	65.62	62.20	62.75	63.75	67.35	67.42	68.97
1984	67.44	71.95	71.50	72.81	66.20	64.38	66.44	68.45	65.50	66.00	66.93	64.83	67.70
1985	71.53	79.25	77.88	77.31	74.85	71.81	67.25	71.50	69.38	69.00	71.50	67.25	72.38
1986	69.25	72.31	71.75	70.69	65.13	68.13							
400-500 lbs.													
1979	85.05	95.50	101.12	110.62	99.90	91.75	90.88	90.40	89.75	85.57	85.94	80.75	92.27
1980	88.15	95.94	83.81	77.70	74.38	75.94	74.45	77.38	76.75	75.30	72.00	71.75	78.63
1981	70.00	72.38	71.75	74.65	66.44	64.50	60.65	62.69	63.30	61.56	61.12	58.88	65.66
1982	58.44	60.13	65.55	66.75	65.75	62.52	62.31	65.00	63.60	60.88	60.12	59.94	62.59
1983	64.94	69.75	73.10	71.50	69.59	65.30	61.25	58.25	59.00	60.06	62.40	62.59	64.80
1984	64.19	67.10	67.00	66.75	64.30	60.88	62.16	63.50	61.94	62.75	63.25	61.33	63.76
1985	66.80	70.81	71.19	71.25	70.75	68.00	62.90	66.00	63.88	64.35	66.44	63.29	67.14
1986	64.60	66.38	68.19	64.85	61.38	61.88							
500-600 lbs.													
1979	77.20	86.44	91.50	95.88	90.65	82.84	83.06	82.05	83.31	78.42	78.12	76.33	83.82
1980	80.10	85.53	77.18	71.25	68.88	70.50	71.85	73.31	73.00	71.75	70.25	67.75	73.44
1981	67.19	68.25	65.88	69.75	62.44	61.84	59.75	60.75	61.50	59.25	58.88	56.63	62.68
1982	56.13	58.69	62.50	63.62	63.38	61.45	61.38	63.69	62.32	59.88	58.66	58.75	60.87
1983	62.84	65.75	69.15	67.75	65.00	62.90	59.69	55.93	56.28	58.25	59.15	59.96	61.89
1984	61.25	64.55	63.88	63.56	61.52	59.63	60.19	61.73	59.82	60.85	61.50	60.92	61.62
1985	63.75	66.81	67.88	67.00	65.90	64.06	60.55	61.94	59.69	60.20	61.06	59.33	63.18
1986	59.63	62.25	61.50	59.60	58.13	59.13							
600-700 lbs.													
1979	70.50	77.75	83.75	86.00	82.60	75.92	78.22	74.25	79.12		75.00	73.00	77.82
1980	74.45	79.44	71.75	64.42	63.50	65.44	67.85	70.00	70.06	68.85	67.45	65.00	69.11
1981	65.28	65.34	62.56	64.42	60.75	59.85	58.05	59.00	59.73	57.25	57.00	55.28	55.95
1982	54.44	57.57	59.70	60.50	61.19	59.90	60.69	62.31	60.85	58.75	57.38	56.19	59.13
1983	60.12	62.56	64.20	63.50	60.75	59.90	57.66	54.70	52.94	55.44	56.20	59.34	58.94
1984	60.03	62.13	62.12	60.75	57.70	57.50	58.69	59.70	58.50	58.43	60.28	59.58	59.62
1985	62.05	63.75	63.56	62.06	60.95	59.81	56.60	56.69	55.88	56.30	57.56	56.79	59.33
1986	56.70	58.63	56.88	54.63	54.06	54.78							

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM 14 REPORTED TENNESSEE AUCTIONS, 1979-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
STEERS—Medium Frame No. 2*						**Price Per Hundredweight ($)**							
300-400 lbs.													
1979	84.00	94.00	95.62	101.00	95.00	85.12	88.00	90.15	92.12	79.73	82.62	81.00	89.03
1980	85.90	91.25	78.88	71.85	69.56	72.38	70.55	74.12	72.88	69.50	68.12	67.12	74.34
1981	67.72	70.88	67.75	69.85	62.62	61.38	56.45	59.38	59.70	58.75	56.38	55.97	62.19
1982	55.19	57.25	60.90	60.13	60.06	56.50	56.81	58.94	57.05	54.00	54.00	54.88	57.15
1983	60.50	64.19	67.90	66.00	64.31	61.05	57.10	54.15	54.69	54.75	56.50	57.34	59.87
1984	57.81	61.55	61.82	62.25	59.45	58.06	57.06	58.20	57.00	57.90	58.87	55.92	58.82
1985	60.25	64.25	66.94	67.31	65.95	63.13	59.00	61.88	60.06	60.95	61.75	59.50	62.58
1986	60.90	63.56	63.25	61.10	58.69	59.25							
400-500 lbs.													
1979	76.40	82.44	86.75	92.75	87.85	79.75	80.94	81.90	84.69	74.10	77.50	73.83	81.58
1980	77.95	84.62	75.12	68.20	66.88	67.62	66.20	69.38	67.75	66.20	65.00	64.81	69.98
1981	64.50	64.69	63.69	66.00	59.06	59.19	54.70	55.81	56.30	55.38	54.38	52.53	58.85
1982	53.25	54.94	58.05	58.81	59.16	56.53	56.22	57.97	55.55	53.81	53.06	53.69	55.92
1983	57.69	60.94	65.20	64.38	61.94	58.80	54.56	51.85	52.94	53.12	54.35	55.50	57.60
1984	56.38	60.05	59.62	59.69	57.65	55.38	55.00	56.25	54.75	55.85	55.62	54.75	56.75
1985	57.50	61.50	63.63	63.56	62.90	61.56	56.85	58.75	57.88	58.00	59.75	56.42	59.86
1986	58.40	61.25	59.63	57.40	56.25	56.19							
500-600 lbs.													
1979	69.80	76.94	79.38	86.06	81.70	73.25	75.69	76.00	80.06	68.97	70.62	70.33	75.72
1980	72.85	77.25	68.75	63.35	60.62	63.47	64.15	65.56	65.56	62.90	62.12	61.38	65.66
1981	61.62	62.69	60.44	63.10	56.12	54.50	53.78	54.81	55.00	53.69	53.13	50.85	56.64
1982	51.17	54.38	56.20	57.69	58.06	55.90	56.19	57.31	55.00	53.25	52.06	53.62	55.07
1983	56.81	58.00	61.70	60.12	58.88	56.87	53.56	50.80	49.94	51.62	53.15	54.59	55.50
1984	55.25	58.10	58.25	57.44	55.60	53.75	53.88	55.18	54.50	54.40	55.06	53.58	55.42
1985	57.10	58.63	59.56	57.75	60.00	58.25	54.25	55.69	54.38	55.20	55.63	54.25	56.72
1986	54.90	57.13	55.75	53.65	52.75	52.81							
600-700 lbs.													
1979	65.10	70.62	75.50	80.25	77.81	68.50	70.50	69.80	71.88		65.62	65.83	71.04
1980	67.70	71.33	62.67	57.50	55.88	58.12	61.60	63.38	62.31	60.90	61.50	58.38	61.77
1981	59.00	60.19	56.50	59.10	52.88	53.40	51.90	52.88	54.50	52.19	51.00	50.50	54.50
1982	50.13	53.25	54.60	55.94	54.81	55.10	55.62	57.00	55.15	52.25	52.00	53.33	54.10
1983	53.88	55.56	58.10	56.81	55.44	55.06	52.25	50.40	48.25	51.00	51.60	53.59	53.50
1984	53.62	56.70	55.94	55.88	53.50	51.94	52.81	53.69	53.50	52.90	54.18	53.83	54.04
1985	55.60	57.50	57.88	55.00	57.13	54.50	52.08	52.88	50.88	52.85	53.00	52.00	54.28
1986	52.50	53.50	52.94	50.25	49.00	49.94							

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM 14 REPORTED TENNESSEE AUCTIONS, 1979-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
HEIFERS—Medium Frame No. 1*					Price Per Hundredweight ($)								
300-400 lbs.													
1979	76.90	86.19	92.81	98.38	93.15	83.12	83.81	84.00	82.12	76.06	76.44	74.25	83.94
1980	77.20	84.94	76.44	70.30	68.31	69.88	68.55	68.62	65.81	63.80	63.06	61.94	69.90
1981	61.75	63.25	63.06	65.20	59.94	56.69	53.10	54.88	54.35	52.19	51.97	50.56	57.25
1982	50.00	52.25	55.45	56.19	56.31	53.95	53.00	56.06	53.75	51.00	49.25	49.44	53.06
1983	55.12	59.81	63.40	62.32	62.06	58.90	54.12	49.35	49.12	49.69	53.10	52.34	55.78
1984	52.94	57.65	57.62	57.12	54.50	52.00	51.62	53.65	50.88	51.48	51.81	50.58	53.49
1985	55.25	57.63	60.00	60.88	60.05	57.63	54.25	56.19	53.56	54.35	56.19	54.00	56.67
1986	55.00	58.19	58.44	56.35	54.13	55.12							
400-500 lbs.													
1979	72.15	80.38	86.38	92.00	87.30	79.50	78.75	76.75	76.12	72.21	73.31	70.00	78.74
1980	73.50	79.69	71.28	65.45	63.38	65.22	64.50	65.38	63.94	62.40	60.06	59.81	66.22
1981	58.88	60.88	59.56	61.53	56.44	54.62	52.20	52.81	52.95	50.62	50.12	48.63	54.94
1982	48.81	50.44	53.53	54.44	54.63	53.55	52.81	55.00	53.60	50.00	48.75	49.12	52.06
1983	54.47	58.44	61.18	60.69	59.62	57.47	52.50	47.95	48.19	48.69	51.25	51.00	54.29
1984	52.00	56.20	55.81	55.12	53.30	50.31	50.62	51.95	50.5W	50.30	50.62	50.75	52.29
1985	54.40	57.13	58.13	59.56	58.75	56.69	53.55	54.88	52.36	52.68	54.31	52.75	55.43
1986	53.30	55.81	56.56	53.80	51.81	52.70							
500-600 lbs.													
1979	65.60	73.13	78.25	82.12	79.55	71.50	72.81	69.45	72.94	67.38	69.88	67.92	72.56
1980	69.40	72.94	67.31	60.45	59.25	61.44	61.95	62.56	61.12	61.15	58.88	57.19	62.80
1981	57.75	58.50	56.44	58.30	54.25	53.38	51.65	52.00	51.55	49.75	49.03	47.25	53.32
1982	47.88	49.75	52.10	52.69	53.81	52.67	52.34	54.75	53.20	49.88	48.94	49.00	51.42
1983	53.31	55.75	59.05	58.88	56.94	55.60	50.81	46.83	46.28	47.72	49.45	50.42	52.59
1984	51.12	54.20	54.06	53.19	50.70	49.85	50.69	51.25	50.06	50.00	50.75	50.93	51.40
1985	53.80	55.63	56.38	57.69	56.55	54.56	51.15	52.94	50.31	50.95	52.06	50.83	53.87
1986	51.05	52.88	52.94	50.55	49.93	50.10							
600-700 lbs.													
1979	65.60	73.31	78.25	82.12	79.55	71.50	72.81	69.45	67.81		64.81	64.42	71.78
1980	64.80	67.88	62.62	57.03	55.94	58.44	59.40	59.94	59.75	59.20	56.12	52.81	59.49
1981	56.50	55.38	54.06	56.20	51.88	51.78	50.35	51.91	50.60	48.38	47.84	46.00	51.74
1982	47.06	48.44	50.25	51.56	53.10	51.90	51.94	54.12	52.35	49.06	48.62	48.54	50.58
1983	51.12	53.94	57.10	55.94	54.50	52.50	49.50	45.65	44.22	45.19	46.65	48.75	50.42
1984	50.60	53.25	53.10	51.75	48.95	48.31	49.69	50.50	49.50	49.85	50.00	50.50	50.50
1985	53.15	55.13	54.69	54.17	54.25	52.58	48.90	50.28	48.56	48.88	48.88	49.58	51.59
1986	49.60	51.13	49.50	46.95	46.94	47.66							

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

FEEDER CATTLE PRICES: BY WEIGHT, GRADE, AND SEX FROM 14 REPORTED TENNESSEE AUCTIONS, 1979-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
HEIFERS—Medium Frame No. 2*					Price Per Hundredweight ($)								
300-400 lbs.													
1979	68.50	76.19	81.69	86.94	81.20	75.69	75.38	74.20	77.25	68.60	67.62	67.17	75.04
1980	68.90	76.69	68.00	63.35	61.19	62.06	60.10	61.44	58.06	57.30	55.38	55.81	62.36
1981	55.56	57.12	57.12	59.15	52.31	51.78	47.35	48.88	47.90	46.31	46.69	45.25	51.33
1982	44.31	46.25	49.25	49.50	50.94	48.60	47.75	49.91	47.75	45.19	43.50	43.75	47.23
1983	49.06	53.13	56.50	55.50	55.88	53.50	48.12	42.60	42.25	43.06	46.15	47.34	49.42
1984	46.44	49.20	50.50	49.88	48.30	46.38	45.00	46.90	43.94	44.50	44.43	44.58	46.67
1985	48.70	50.94	53.44	55.06	54.70	52.69	48.85	50.25	47.81	48.08	49.75	48.17	50.70
1986	48.60	50.25	53.25	50.80	48.25	49.06							
400-500 lbs.													
1979	65.05	72.50	77.12	82.00	76.55	71.12	70.62	69.45	73.50	65.15	64.62	63.17	70.90
1980	65.75	73.19	63.19	57.50	56.50	58.88	56.05	57.25	56.00	55.40	53.38	54.25	58.94
1981	53.19	54.84	54.44	55.45	50.06	49.25	47.10	47.38	47.28	45.50	44.88	43.38	49.39
1982	43.94	45.25	47.35	48.25	49.13	48.40	47.94	48.81	47.40	44.44	43.12	43.62	46.47
1983	47.75	51.56	55.20	53.62	53.81	51.35	47.00	41.60	41.94	42.19	44.35	45.92	48.02
1984	46.62	48.70	48.75	48.44	47.85	44.38	44.56	45.60	43.88	44.15	44.06	44.17	45.93
1985	48.25	51.13	51.94	53.69	53.45	51.00	48.00	49.50	47.12	46.95	48.94	46.83	49.73
1986	46.73	49.13	50.38	48.55	46.63	47.50							
500-600 lbs.													
1979	60.10	65.00	69.62	73.31	72.00	64.00	65.31	63.55	67.81		62.38	61.50	65.87
1980	62.70	66.56	58.62	52.65	52.19	55.12	54.55	56.19	54.00	54.60	51.06	50.92	55.76
1981	51.62	53.78	49.68	53.30	48.25	48.38	46.05	46.88	46.75	44.00	42.88	41.75	47.95
1982	43.50	44.50	45.60	46.56	47.85	47.50	47.56	48.50	46.90	44.12	42.62	42.81	45.67
1983	46.44	50.06	53.30	52.31	51.75	50.55	45.44	40.80	40.50	40.81	42.70	44.17	46.57
1984	44.62	47.50	47.75	47.19	46.25	43.62	43.88	44.73	43.56	43.40	44.06	43.75	45.02
1985	47.45	49.25	51.31	52.31	52.40	49.75	46.60	48.13	45.69	45.45	46.75	45.00	48.34
1978	46.00	48.63	47.94	46.00	44.44	45.62							
600-700 lbs.													
1979	60.10	65.00	68.75	73.19	71.20	64.00	65.31	62.50	63.31		60.33		65.37
1980	57.50			48.34	48.17	53.25	51.00	54.00	51.69	52.25	50.00	49.12	51.53
1981	50.12	51.88	48.25	50.50		47.00	44.66	46.06	45.70	43.31	42.67	42.42	46.60
1982	42.50	44.50	44.69	45.56	47.00	47.65	47.06	48.25	46.70	43.50	42.67	42.33	45.48
1983	45.50	47.50	52.40	51.67	48.50	47.10	43.94	40.60	39.38	40.00	42.25	43.17	41.52
1984	43.75	46.75	47.25	45.67	44.62	42.25	43.82	45.00	43.69	43.40	43.87	43.83	44.49
1985	46.50	48.63	49.88	49.75	51.50	48.00	44.40	46.00	43.13	44.40	44.75	44.33	46.77
1986	43.63	47.96	45.33	42.60	41.17	42.00							

*Medium Frame No. 1 Muscle Thickness = Choice. Medium Frame No. 2 Muscle Thickness = Good.

Auctions

UTILITY COW PRICES: 14 REPORTED TENNESSEE AUCTIONS, 1979-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
	Price Per Hundredweight ($)												
1979	51.10	53.50	54.12	57.44	57.35	53.09	49.19	49.02	48.88	48.45	48.91	48.00	51.59
1980	50.28	52.88	49.40	46.90	44.06	44.19	43.45	45.06	44.44	44.88	43.97	43.66	46.10
1981	42.09	45.10	43.78	44.02	42.25	42.84	42.30	42.62	41.04	39.12	39.06	37.16	41.76
1982	38.31	39.54	40.03	40.88	41.63	41.42	40.62	40.67	39.40	38.69	37.12	37.25	39.63
1983	37.69	40.44	41.75	42.19	42.62	41.55	39.34	37.13	36.44	35.38	34.05	33.50	38.51
1984	34.38	38.95	42.13	41.97	40.43	39.50	38.38	38.75	35.94	35.65	34.75	34.71	37.96
1985	39.50	40.00	40.50	40.19	40.60	38.78	36.40	36.19	34.25	33.05	33.25	34.83	37.30
1986	34.60	36.94	36.47	33.25	34.94	36.72							

FEEDER PIGS: MARKETINGS AND PRICES AT ORGANIZED FEEDER PIG SALES, 1979-85

Year	Number Marketed	Average Weight Lbs.	Average Price Per Cwt. ($)	Average Price Per Head ($)
1979	1,007,515	46	67.26	30.95
1980	853,739	46	55.76	25.84
1981	665,304	46	73.79	33.96
1982	609,841	45	113.25	51.05
1983	622,238	46	71.79	32.72
1984	584,554	47	80.42	37.44
1985	525,282	47	79.05	37.29

FEEDER PIG PRICES: ALL WEIGHTS AND GRADES, TENNESSEE ORGANIZED FEEDER PIG SALES, 1979-86 (AVERAGE WEIGHT 45-50 LBS)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Price Per Hundredweight ($)											
1979	85.86	104.09	106.49	99.10	78.70	55.32	46.42	49.98	53.52	40.54	46.72	44.27
1980	46.54	57.17	54.11	43.11	38.51	44.31	51.82	68.50	68.93	71.09	65.77	63.14
1981	55.42	73.51	72.97	77.25	73.17	81.23	72.85	85.32	85.75	76.54	68.15	59.83
1982	70.09	88.31	109.77	118.14	123.14	111.11	121.59	137.35	136.80	112.87	102.82	104.23
1983	110.08	119.59	114.07	94.24	73.56	55.35	46.17	52.82	46.02	44.13	49.68	57.36
1984	66.99	83.43	100.21	101.82	86.09	80.22	74.74	74.58	76.83	71.95	72.15	75.78
1985	81.38	87.45	97.65	90.18	80.60	81.06	73.20	75.55	70.08	77.00	68.77	66.53
1986	66.64	78.05	88.99	80.30	85.24							

FEEDER PIGS: NUMBER MARKETED THROUGH ORGANIZED SALES, 1979-86

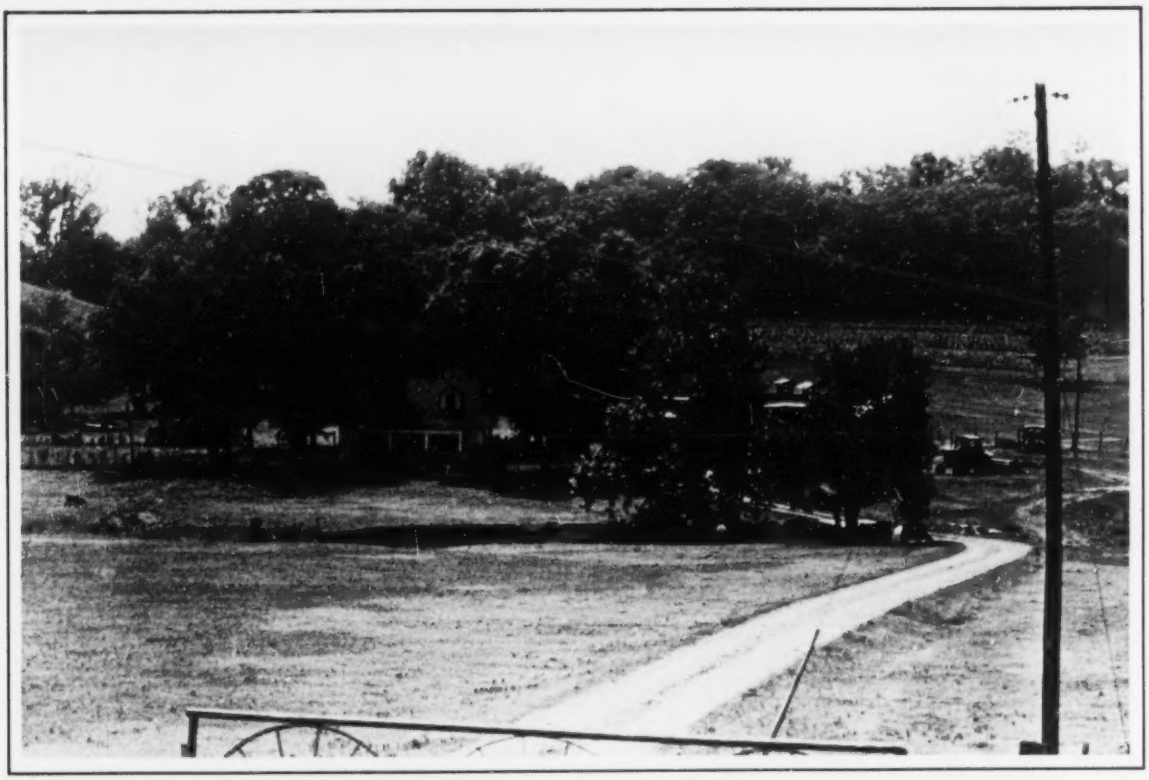
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Number Marketed						
1979	72,431	56,470	84,433	93,924	119,324	78,961	80,148	71,752	85,785	102,389	93,755	68,420
1980	69,892	49,444	62,805	73,994	83,188	76,713	78,910	65,433	75,178	84,679	66,787	66,716
1981	52,607	41,007	53,926	71,190	61,675	72,953	54,685	47,367	55,255	59,037	48,132	47,470
1982	35,343	35,031	48,288	55,021	55,286	52,336	48,240	57,579	60,008	55,809	56,356	50,443
1983	48,222	40,489	55,649	57,281	66,221	60,178	41,244	48,875	56,294	51,816	50,883	45,086
1984	45,345	33,895	43,160	55,952	60,768	50,247	47,730	51,169	45,840	57,498	56,667	36,283
1985	39,032	32,194	39,741	50,167	50,925	47,540	41,311	39,346	46,530	54,635	42,276	41,485
1986	34,566	31,312	40,023	44,335	51,120							

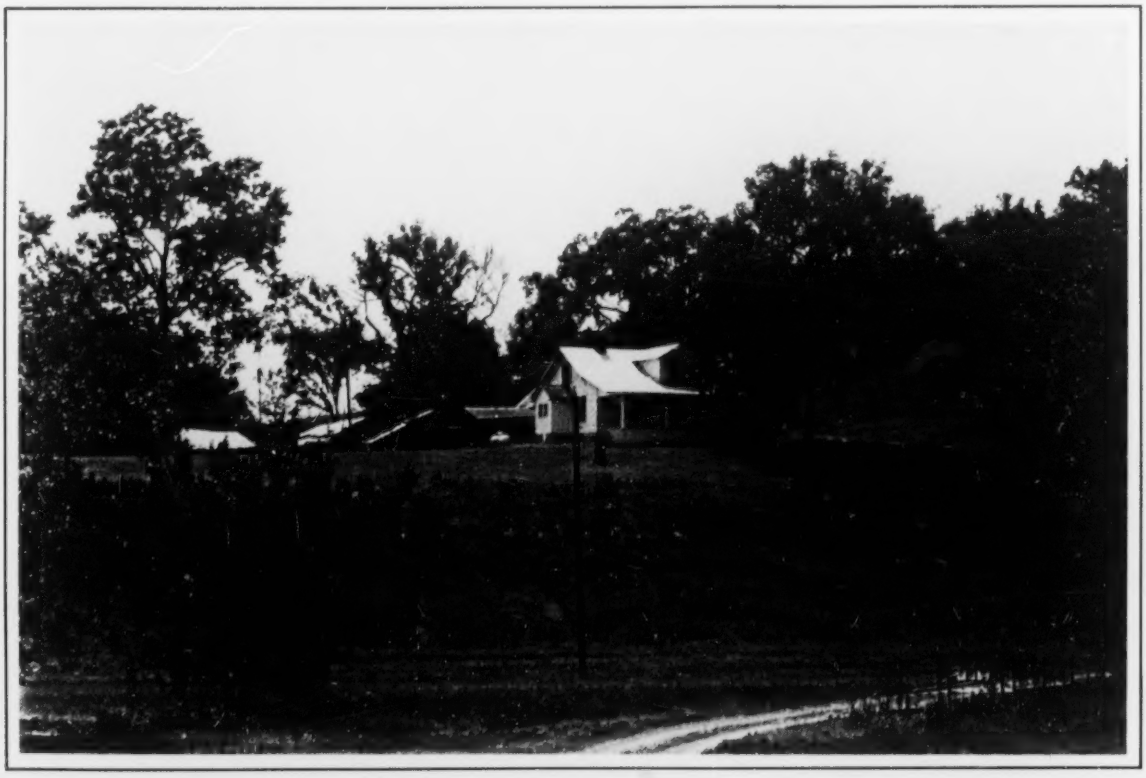
SOW PRICES: U.S. 1-2 300-400 LBS., 14 REPORTED TENNESSEE AUCTIONS, 1979-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
							Price Per Hundredweight ($)						
1979	46.45	49.53	45.63	42.22	39.35	33.98	28.92	28.37	31.99	30.47	29.56	31.29	36.48
1980	27.20	30.44	29.25	23.40	23.28	26.91	34.93	39.62	39.50	41.30	38.88	37.19	32.66
1981	36.25	36.81	34.00	34.50	34.00	38.44	42.92	43.31	43.85	40.89	38.72	34.25	38.16
1982	36.81	39.13	43.27	47.38	50.75	47.99	50.58	51.75	53.38	52.65	47.38	45.75	47.24
1983	45.13	51.14	48.47	43.53	39.75	34.95	31.25	34.70	36.10	34.46	30.78	33.67	38.66
1984	40.78	41.82	39.94	40.75	41.15	39.18	41.81	40.50	38.74	36.87	37.69	37.33	39.71
1985	39.09	41.75	38.35	35.19	34.78	34.13	33.58	32.81	31.44	32.78	33.65	33.04	35.05
1986	32.81	34.53	32.44	33.12	33.90	37.11							

BARROW AND GILT PRICES: U.S. 1-3 210-240 LBS., 14 REPORTED TENNESSEE AUCTIONS, 1979-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
							Price Per Hundredweight ($)						
1979	50.88	52.91	47.81	43.15	43.15	40.88	38.97	37.10	37.94	33.80	35.50	38.71	41.78
1980	36.50	36.63	33.03	27.75	29.06	34.81	42.55	47.62	45.66	46.62	45.72	43.69	39.14
1981	40.53	41.45	38.22	38.27	41.10	48.56	50.35	50.09	48.93	44.00	42.09	40.54	43.66
1982	44.35	48.49	48.50	51.12	57.37	58.90	59.34	62.22	61.88	54.81	51.78	53.33	54.34
1983	55.10	56.29	49.33	45.24	45.83	45.27	44.88	47.90	43.97	39.81	37.56	44.42	46.30
1984	48.63	45.48	45.72	47.31	47.53	48.83	53.50	52.38	45.44	43.33	48.25	48.00	47.87
1985	48.95	48.53	42.72	41.01	41.48	46.52	47.51	43.64	40.50	42.92	43.38	46.34	44.46
1986	45.73	43.41	40.50	40.11	45.86	52.58							





1985 FARM FINANCE SUMMARY

Released: April 15, 1986

A survey of Tennessee farm operators in late February revealed:

- **51% had no debt**
- **32% had few financial problems**
- **9% had serious financial problems**
- **8% had extreme financial problems**

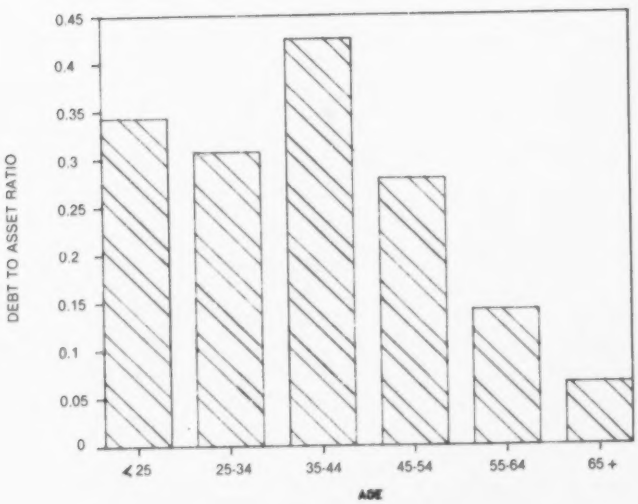
- **16% had reduced their operations to meet financial obligations**
- **37% showed a loss**
- **39% netted $5000 or less**
- **24% netted over $5000**

- **32% had real estate loans**
- **19% had operating loans**

- **53% were 55 years old or older**
- **41% were 35 to 54 years old**
- **6% were under age 35**
- **78% had been farming over 15 years**

- **41% farmed less than 100 acres**
- **53% farmed 100 to 999 acres**
- **6% farmed 1000 acres or more**

DEBT BASED ON AGE



Financial stress lowest for farm operators over age 65

DEBT-TO-ASSET RATIO shows financial stress greatest in WEST TN.

	STATE AVERAGE	WEST	MIDDLE	EAST
ASSETS	$223,985	$304,651	$232,887	$178,365
DEBTS	$ 51,324	$102,153	$45,230	$ 32,277
RATIO	22.9%	33.5%	19.4%	18.1%

Farm Finance Summary

The calculated debt-to-asset ratio on all farms, including those with no debt, was .229 for the respondents to this survey. Excluding those with no debt results in a debt-to-asset ratio of .359. The highest average debt-to-asset ratio (.425) was reported by farmers between 35 and 44 years of age while farmers over 65 reported the lowest at .064. Nearly three percent of the respondents to this survey had debts that exceeded total assets.

The results of this survey showed that 83% of the farmers responding were relatively free of financial stress.

The debt-to-asset (D/A) ratio is used as a measure of financial stress. The ratio, farm debt divided by all farm assets, determines solvency and risk-bearing ability of farm operators as well as lenders. The U.S. Department of Agriculture uses four groups of ratios:

0-.40: Generally few financial problems and very strong net worth.

.41-.70: Problems meeting principal repayment but adequate net worth; referred to as "highly leveraged."

.71-1.00: Problems meeting principal repayment and current interest due; declining net worth; referred to as "very highly leveraged."

over 1.00: Severe problems meeting principal and interest commitments and negative net worth; sale of assets would not retire debts, referred to as "technically insolvent."

It should be noted that an individual debt-to-asset ratio is a valuable *indication* of financial soundness, but it does not indicate that everyone with a high ratio is in serious trouble or that those with low ratios have no financial problems.

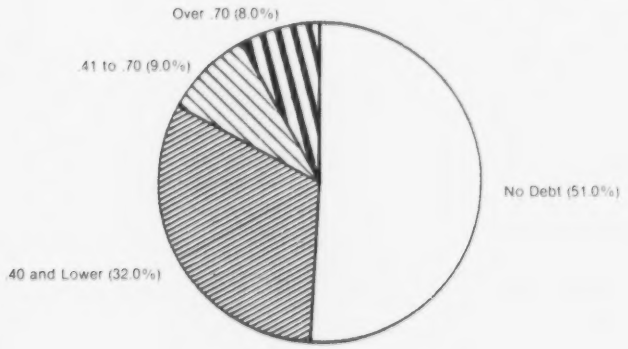
Tennessee farm operator's gross income per farm has ranged from $24,731 to $26,907 during the 1980's. During that same period, net farm income per farm has ranged from $1,831 to $5,193.

This survey showed that 74 percent of Tennessee farm operators grossed less than $30,000 and 76 percent netted $5,000 or less in 1985. The sources and proportionate share of gross farm income for this survey were as follows: Cash grain—18%; Tobacco—22%; Cotton—2%; Cattle—36%; Hogs—6%; Dairy—11%; and Miscellaneous—5%.

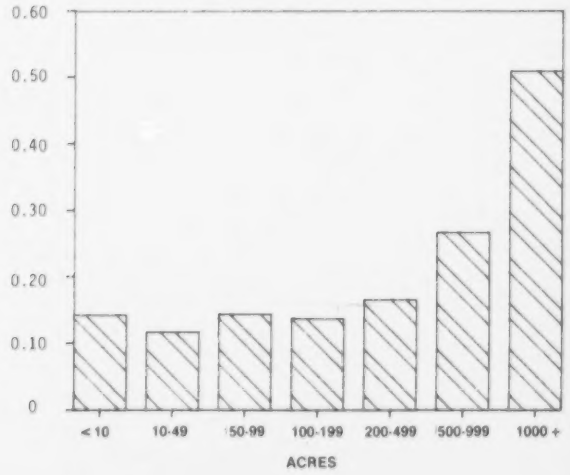
Almost one-third of the respondents in the survey had outstanding real estate loans and most (81%) were keeping principal and interest payments current. Interest payments only were being paid by 40 percent of the individuals with delinquent accounts.

About 19 percent of the survey respondents had outstanding operating loans with an additional four percent expecting to borrow money to operate in 1986. Nearly three-fourths of the operating loans were being paid on schedule, but only 46 percent of the delinquent accounts were making interest payments.

DEBT TO ASSET RATIO
DISTRIBUTION OF SURVEY RESULTS



DEBT TO ASSET RATIO
BASED ON SIZE



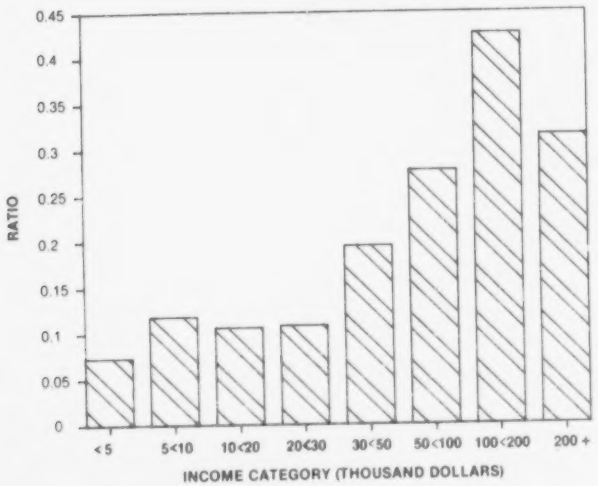
Average debt-to-asset ratios increased with farm size.

ABOUT THE SURVEY—

The Farm Finance Survey was conducted to evaluate the financial conditions of Tennessee farmers. The purpose was to provide accurate farm financial information for use by the Commissioner of Agriculture in developing plans and programs to address the needs of Tennessee farmers.

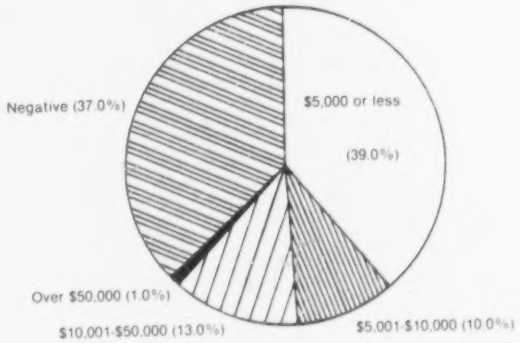
The Tennessee Department of Agriculture mailed about 2000 questionnaires to farmers throughout the State in mid February. Approximately 1000 usable reports were obtained in time to tabulate the results for publication in mid April. Mail returns, telephone interviews or personal contacts were used to collect the information. Response by age and gross sales compared favorably with characteristics of farms and farmers in the 1982 U.S. Census of Agriculture for Tennessee.

DEBT/ASSET RATIO
BASED ON GROSS FARM INCOME

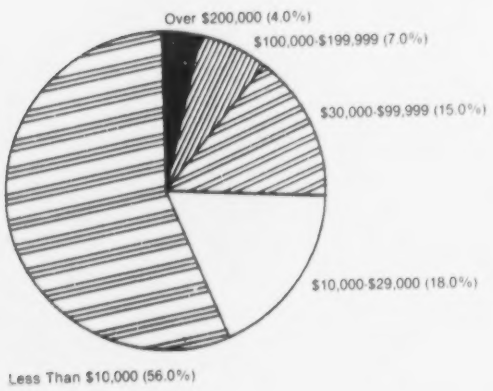


Average debt-to-asset ratios generally increased with gross farm income.

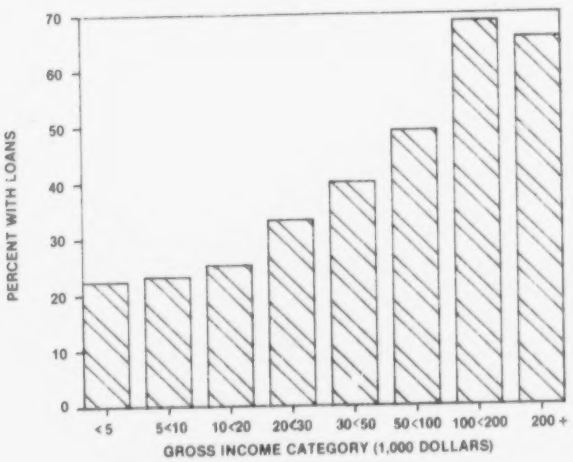
PERCENTAGE DISTRIBUTION OF
NET INCOME



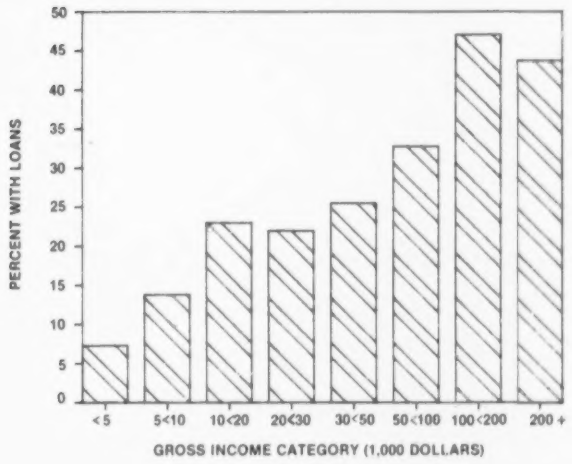
PERCENTAGE DISTRIBUTION OF
GROSS INCOME



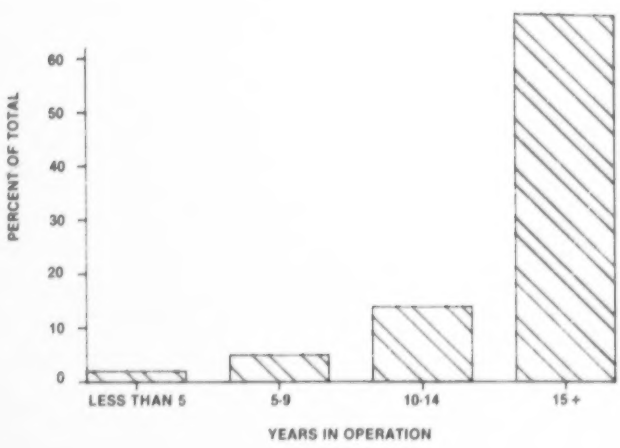
OUTSTANDING REAL ESTATE LOANS



OUTSTANDING OPERATING LOANS



NUMBER OF YEARS FARMING



1985 FARM FINANCE DATA: SELECTED STATES AND TENNESSEE

State	Average Per Farm		Percent of Farmers With Debt/Asset Ratio		
	Gross Sales (dollars)	Debt/Asset Ratio	Less than .40	Between .40 and .69	More Than .69
Illinois	89,286	.308	70.6	18.2	11.2
Iowa	112,220	.369	61.7	22.1	16.2
Kansas	70,352	.318	69.2	18.3	12.5
Michigan	77,665	.286	76.9	17.6	5.5
Missouri	42,251	.247	78.8	14.1	7.1
Nebraska	117,921	.343	63.2	23.0	13.8
North Dakota	95,946	.347	62.2	23.1	14.7
Ohio	59,424	.212	82.8	12.6	4.6
Wisconsin	94,115	.262	74.7	18.7	6.6
Alabama[1]	56,000	.244	73.7	19.0	7.3
Tennessee	37,000	.229	83.0	9.0	8.0

[1]Small farms, less than 30 acres, not in survey.

28 New Soil Conservationists

Soil erosion is Tennessee's number one agricultural resource problem. To assist farmers in reducing erosion rates, the Division of Agricultural Resources was organized.

The department's top resource priority is to reduce the rate of soil loss to tolerance (five tons or less per acre annually) by the end of the 1980's. To assist in doing this, the department has hired twenty-eight soil conservationists, in addition to the other staff and instituted a program to deal with special erosion problems through cost-sharing projects. Since 1979 when soil loss was an estimated sixteen tons per acre annually, erosion rates have been reduced to approximately nine tons per acre yearly on the state's five million acres of cropland.

To promote the protection and improvement of soil and water resources the Agricultural Resources Division is involved in the following activities:

1. Assisting the Tennessee State Soil Conservation Committee carry out its responsibilities under the Soil Conservation District Act of 1939, including the election and appointment of soil conservation district supervisors, preparation and updating as necessary of a state water quality plan for agriculture and planning and implementation of other soil and water conservation programs.
2. Assisting the 95 soil conservation districts, which are legal subdivisions of state government, with soil and water conservation programs. This includes:
   (a) Providing conservation planning and application assistance to landowners and operators. Twenty-eight soil conservationists are located across the state to help districts render this service.
   (b) Training for supervisors and district employees.
   (c) Conducting workshops in connection with special needs such as conservation tillage.
   (d) Providing funds to districts for:
      (1) Carrying out their program of work.
      (2) Cost-sharing with farmers the treatment of severely eroded lands.

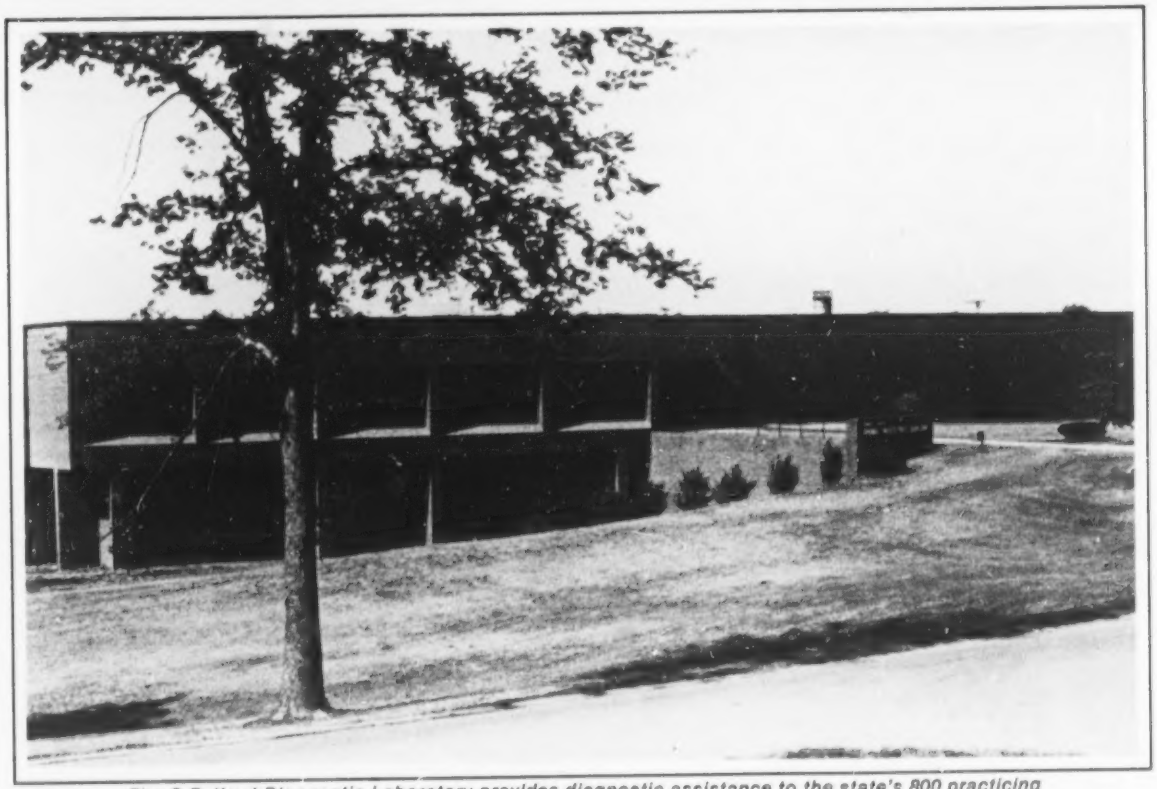
Wanda Mays, Cheatham County district secretary, inspects field planted with funds from the Agricultural Resources division.

Added by Agricultural Resources

(3) Converting steep, eroding land in the Reelfoot Lake drainage area to alfalfa.
(4) Per diem for district supervisors.

3. Providing funds to counties to accelerate the completion of the state's soil survey program.
4. Representing the Commissioner on the Tennessee Water Quality Control Board and on the State Board of Reclamation Review (mining).
5. Reviewing and commenting on the effect on agriculture of proposals which involve federal financing and/or federal regulations. Section 404 of P.L. 92-500 is one example.
6. Serving on a technical team to classify all reaches of the Obion-Forked Deer River where work is proposed by the Basin Authority.
7. Representing the Commissioner in meetings with the Governor's Safe Growth Team.
8. Working with the West Eight Association of Conservation Districts in a program to reduce soil erosion and to provide stream maintenance in eight West Tennessee counties.
9. Working with environmental groups to insure that agricultural interests are considered by environmental agencies in their enforcement of regulatory programs.
10. Serving on various committees which are working to promote soil and water conservation. Some of these are:
    (a) State Rural Development Committee
    (b) Land and Water 201 Committee, which is a regional conservation program involving seven states, USDA, and TVA.
    (c) University of Tennessee Water Resources Research Center Advisory Council
    (d) Tennessee Technological University Water Center Board of Advisors
    (e) Land Between the Lakes Conservation Demonstration Farm Committee
    (f) Conservation Reserve Program (CPR) State Coordinating Subcommittee

The progress that is being made in reducing soil erosion is the result of efforts of Tennessee farmers along with state and federal government assistance and other cooperating agencies and organizations.



The C.E. Kord Diagnostic Laboratory provides diagnostic assistance to the state's 800 practicing veterinarians.

Phil Fedun, middle Tennessee Law Enforcement officer for the Animal Industries division, inspects livestock vehicle.

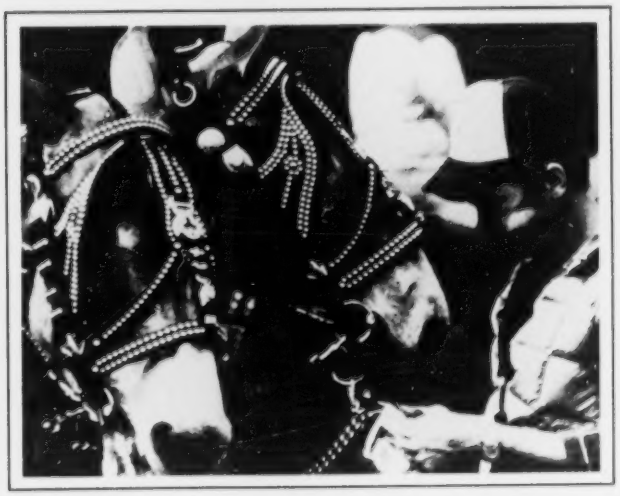
Animal Industries Nears Brucellosis-Free Goal

With the largest number of beef herds east of the Mississippi River, an extremely productive swine industry, a thriving dairy industry, and a widely known equine industry, the Division of Animal Industies aids the state's largest generator of agricultural commodity revenues.

Under the direction of the State Veterinarian the Division of Animal Industries has responsibilities for:

- Control and eradication of diseases of livestock and poultry
- Operation of an animal disease diagnostic laboratory
- Quarantine enforcement
- Licensing and inspection of livestock auction markets
- Registration of brands for cattle and other livestock
- Collection and distribution of livestock market news information
- Grading feeder pigs and feeder calves.

The State's progress toward becoming a Brucellosis-free state is an example of the work of the division's enforcement of quarantines, standards for importation and moving of livestock, and cooperation with accredited practicing veterinarians throughout the state. In March, 1985 Tennessee advanced to "Class A" status. The number of infected herds has decreased to twenty-seven at the publication of this document. It is the goal of the Tennessee Department of Agriculture for the state to be Brucellosis-free by 1990.



Located at the Ellington Agricultural Center, the C.E. Kord Animal Disease Laboratory offers services in gross and microscopic pathology, bacteriology, virology, immunology, and toxicology. As a comprehensive veterinary diagnostic unit, the lab aids owners and local veterinarians in solving baffling cases.

Competitive prices for all producers can be offered through combining lots of animals of similar weight and grade. The grading services of the Division of Animal Industries allow small producers access to full market prices. The Division cooperates with the Division of Marketing and the Agricultural Marketing Service of the United States Department of Agriculture in providing livestock market news to producers, dealers, and buyers throughout the state. This information is gathered and tabulated daily and made available to the public through daily radio broadcasts. Livestock market news is also available through calling the toll-free number 1-800-342-8206.

The Division of Animal Industries is also involved in the licensing and regulation of livestock markets and dealers, enforcement of specific statutes such as the Garbage Feeding Law and the Cattle Brand Law, and facilitating cooperation among veterinarians on a state-wide level for the purpose of controlling the spread of infectious diseases. A small force of uniformed, commissioned enforcement officers adds greatly to the integrity and effectiveness of the programs of the Division. This section assists in the regulation of interstate commerce in livestock.

The overall goal of the Division is to promote good health and efficient marketing of Tennessee livestock.

Today, School Lunches More Nutritional

The $44 million of commodities that were channeled through the Division of Commodity Distribution in 1986 helped to feed the needy, provide nutritious school lunches, and aid charity institutions.

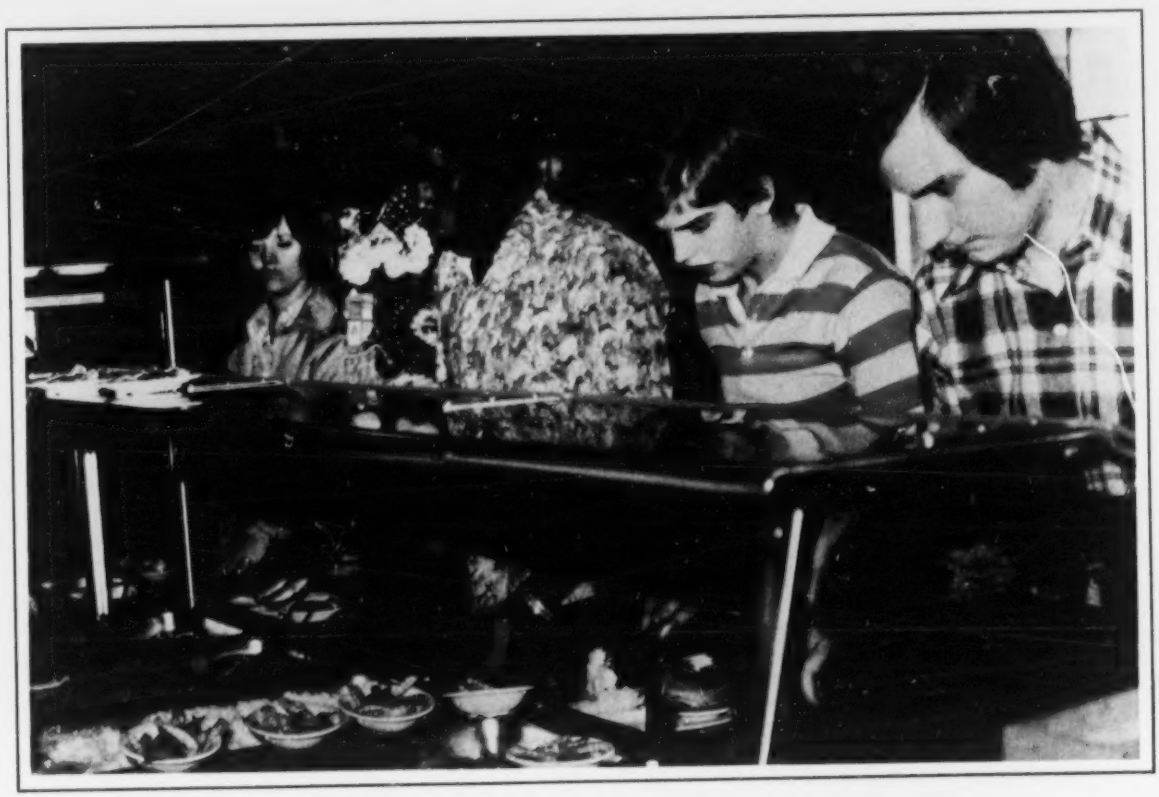
For the farmer, this program helps support the market through the price support system by United States Department of Agriculture purchase of items in strong supply.

It is the Division of Commodity Distribution's responsibility to order and distribute U.S.D.A. foods allocated to Tennessee.

Through the efforts of this division the Temporary Emergency Food Assistance Program received $24 million of commodities, $17 million was distributed to the School Lunch Program, Charity Institutions received $3 million, and $50 thousand was sent to non-profit summer camps.

Commodities under the food assistance program consist of butter, cheese, honey, non-fat dry milk, flour, corn meal, and rice. Foods distributed to Tennessee schools consist of meats, poultry, fruits/vegetables, grain products, and dairy products.

In addition, this Division enters into processing contracts whereby several of the commodities are converted to a quality processed food.



Commodity Distribution

DAIRY STATISTICS
July 1985-June 1986

INSPECTIONS

Plant

Fluid	107
Ice Cream	38
Butter	3
Cheese	15
Evaporated	10
Dry Milk	5
Single Service Containers	22
Receiving Station	15
Soft Serve Establishments	2593
Milk Dispensers	11
Distributors	33
Dairy Cases	22
Equipment Tests	250

Farm

Grade A	9924
Manufacturing	1491
New Installations	935
Milking Time Inspections	975

Bulk Tanks

Farm Tank Trucks	1008
Over-The-Road Tankers	119
Haulers	461

SAMPLING

Raw	1385
Pasteurized	3758
Frozen Desserts	6437
Other	1139
Follow-up	649

QUALITY

Sediments Lbs. Tested	7,892,020
Lbs. Condemned	84,504
Cans Inspected	988
Lids Inspected	758

ENFORCEMENT

Citations	1277
Released	353
Sanitary Orders or Seizures	41

LABORATORY SUMMARY 1985-86

Lab Analyses on Consumer Complaints	Bacteriological	Pet Foods	Foods	Aflatoxin	Pesticide Residue	Dairy	Feed
50	736	320	397	228	290	4,398	1,731
Fertilizer	Lime	Meats	Trichina	FDA & USDC	Misc.	TOTAL ANALYSES	
2,339	212	705	42	319	45	11,803	

Consumer Protection Assured By Food and Dairy's Labs

Tennesseans have many good reasons to be proud of their food and dairy industries—the largest frozen vegetable processor in the United States, the largest flour mill in the Southeast, the nation's largest producer of canned pimentos and peppers, and manufacturers of snack cakes and cookies that are distributed nationally—are all based in Tennessee.

The state's dairy farmers produce over two billion pounds of milk annually, making Tennessee a leader in the southeastern United States. Several of the largest, most modern fluid milk processing plants in the nation are located in the state. A variety of manufacturing plants producing frozen desserts, cultured, dried, and evaporated dairy products are also in Tennessee.

In 1985 a new cheese plant and a new ice cream plant began operations.

Over 8,000 retail grocery stores and a growing number of "cottage" industries complete the food and dairy industries' profile in Tennessee.

Aid and assistance is provided to these industries by the Food and Dairy Division of the Tennessee Department of Agriculture by:

- providing facility review and inspection
- an analytical laboratory
- licensing of facilities
- registration and review of labels for products manufactured
- responsiveness to the consumer in the area of consumer complaint and consumer information
- insuring effectiveness of voluntary industry recalls on foods, dairy products, and household consumer products which may cause illness or harm to the consuming public.

Under the 1986 Retail Food Inspection Act the Division will be assisting the more than 8,000 retail store operators of the state through assuring minimum sanitary requirements. All retail food stores are now inspected at least twice a year and are required to have a retail food store permit.

The Food and Dairy Division was involved in several consumer protection news stories in 1985 and 1986 involving contaminated milk and other products. The Division's prompt actions and cooperation with federal agencies aided in protecting the public.

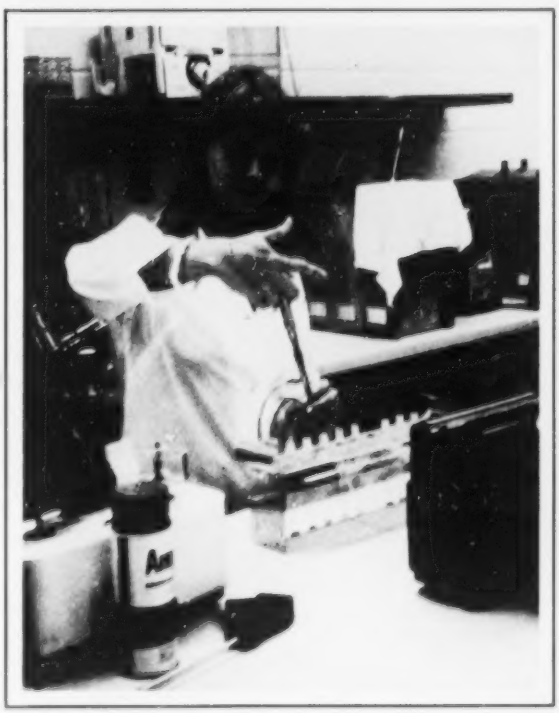
These services, along with label and product review, are offered to all existing food and dairy manufacturers, retailers and processors, and are of upmost help to the new enterpreneur beginning a "cottage" industry.

With the help of the industry, our staff is striving to offer the consuming public a clean and wholesome place to secure an unadulterated and properly labeled product. This is accomplished by on-site visits to the plants to insure that quality assurance is maintained throughout the food chain.

The Laboratory of the Division offers special assistance to the industries by training industry personnel, conducting bacteriological and chemical analyses on products sampled such as milk, eggs, fish products, meats, fertilizers, feeds and limestone in order to insure the consumer purchases a quality product. Likewise, results are exchanged with industry for the purpose of uniformity.

Consumer complaints are accepted to check for contamination and the industry is notified immediately if contamination is found so that recall action can be initiated.

The Food and Dairy Division is committed to the continued cooperation with industry to insure the consuming public that they receive a wholesome quality food product and that potentially hazardous household consumer products do not enter the marketplace.



Marie Hart performs screening test for somatic cell count on raw milk.

The Tennessee Department of Agriculture's new marketing campaign is designed to increase the awareness of our number one industry by:

1. promoting the image of the state and its agricultural industry,
2. building product identity, awareness, and producer pride,
3. serving as an umbrella marketing promotion tool for all agricultural products and commodities that are produced, grown, or processed in Tennessee,
4. increasing consumer awareness and demand for agricultural products.

Market News
1-800-342-8206

Domestic Marketing Aids Sale of State's Products

Developing and strengthening Tennessee agriculture through domestic marketing has become an increasingly important priority within the Division of Marketing. The Domestic Marketing program works with the state's farmers and agricultural businesses in an effort to increase sales of Tennessee produced farm products.

The Department has placed a special emphasis on a wide variety of fruits and vegetables along with eggs, honey, and sorghum. In order to promote direct marketing a new producer-to-consumer directory has been compiled for East, Middle, and West Tennessee listing farmers and what they produce as well as a listing of farmers' markets across the state.

Point-of-purchase brochures for a variety of fruits and vegetables have also been compiled.

In order to increase consumer awareness of Tennessee grown and produced products a new logo has been developed, and is available to all who sell Tennessee-grown products. More direct work with farmers' markets is occurring and the program has helped develop a new certified farmers' market at the Agricenter in Memphis.

Grant money is being made available to farmers' markets groups for local promotion of their markets.

The market news section provides the public with current and future prices of most agricultural commodities. Two toll free lines answer approximately 8,400 calls per month.

The 1986 spring drought resulted in early hay cuttings for many Tennessee farmers. To aid farmers needing hay a Hay Directory was published in July, with an up-date in August. The directory provides information on hay within the state and in other states.

The Department of Agriculture participates in a number of trade shows through-out the year to promote the use of Tennessee products. At the 1986 Sunbelt Exposition in Moultrie, Georgia Tennessee is spotlighted as "Feature State" with exhibits from the Tennessee Fruit and Vegetable Association, the Tennessee Walking Horse industry, embryo technology, tissue culture, the Oscar Farris Agricultural Museum, and other exhibitors.

International Marketing booth at trade show in Venezuela.

International Marketing Acts As Troubleshooter for Exporters

Market development of Tennessee's agricultural products internationally is also a major emphasis of the Division of Marketing. Recently major efforts have been made to internationally promote Tennessee livestock, horses, lumber, logs, embryo technology, alfafa hay and pellets, processed food and agricultural machinery.

Specific markets that are being targeted by the Division of Marketing include Venezuela, Argentina, Honduras, Japan, Taiwan, Korea, France, Germany, Belgium, and Great Britain. This effort is being accomplished through trade shows, trade missions, and product advertising through U.S. Embassies and Agricultural Trade offices around the world.

The Marketing Division assists exporters with market analysis, international finance, international transportation, and through the sponsorship of educational seminars.

An International Trade Directory for Tennessee's agricultural products is being published for distribution to importers around the globe.

Foreign trade leads are disseminated through the International Marketing section to Tennessee's agricultural exporters.

The Marketing Division acts as a "troubleshooter" for Tennessee's agricultural industry when needed. For example, during 1986 the Division assisted in the export of dairy cattle from Tennessee in the Federal Dairy Termination Program. These cattle had to be either slaughtered or exported. The Marketing Division surveyed farmers accepted in the program to determine the potential supply for export, contacted exporters and importers to encourage the purchase of Tennessee cattle. The division also assisted in shipping cattle to Central and South America.

The identification and reaction to potential problems in exporting is one of the most valuable services provided by the Marketing Division.

DIRECT MARKETING SERVICES

1. Conduct trade missions for groups of Tennessee businesspeople.
2. Represent Tennessee products at domestic and international trade shows.
3. Make individual contacts among potential buyers of Tennessee products.
4. Advertise specific Tennessee products in foreign markets.
5. Host foreign buyers in visits to Tennessee farms and businesses.
6. Disseminate foreign trade leads to Tennessee agri-businesses.

MARKET ANALYSIS

1. Assist producers in analyzing their export capabilities.
2. Identify potential markets for specific products.
3. Obtain commodity market studies and other statistical data.
4. Obtain studies on specific foreign countries.
5. Locate potential buyers through U.S. Embassies and Agricultural Trade Offices worldwide.

COMMUNICATIONS

1. Arrange translation and interpretation services.
2. Provide telex services for new exporters.
3. Communicate trade issues to U.S. Congressional Delegation.

FINANCE

1. Refer exporters to international banking services.
2. Advise as to availability of federal export financial services.
3. Assist in developing prices and bid quotations.

INFORMATION SERVICES

1. Serve as a clearinghouse for export inquiries.
2. Advise exporters as to grading and certification procedures and requirements.
3. Determine health and sanitary regulations.
4. Identify potential sales contacts overseas for Tennessee agri-businesses.
5. Facilitate communications with experienced exporters.
6. Provide liaison with commodity promotion organizations.
7. Advise on labeling requirements in specific markets.

TENNESSEE PRODUCT LISTINGS

1. Maintain directories of products and producers.
2. Develop multi-lingual export directories.

INTERNATIONAL TRAVEL

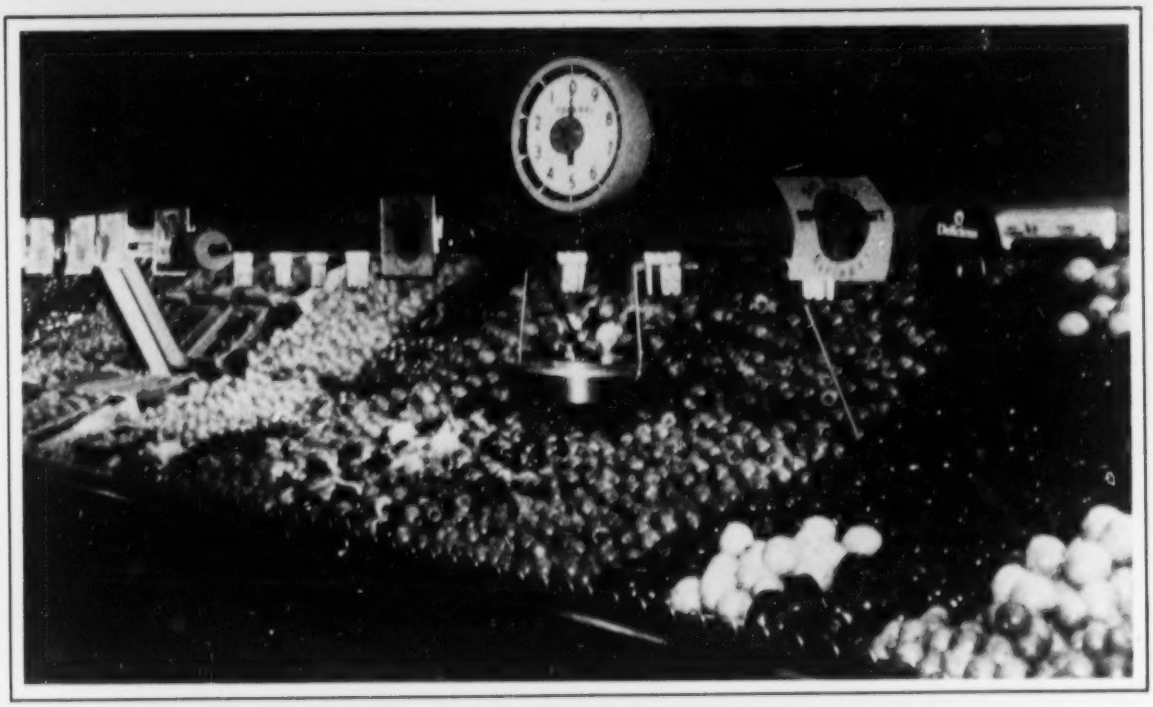
1. Arrange business appointments in foreign countries.
2. Assist in travel arrangements for Tennessee companies.

EDUCATION SERVICES

1. Conduct export seminars.
2. Maintain a library of export reference materials.

TRANSPORTATION

1. Determine rates and schedules.
2. Analyze transport options.
3. Advise as to packing and loading requirements.
4. Locate international transportation services.



Feed, Seed, Fertilizer Must Pass Marketing Division's Standards

The lives of all Tennesseans are touched each day by the work of the Division of Marketing. Through the division's field inspectors and laboratory staff quantity and quality are evaluated. With dedication to the ideal "that equity may prevail" the Regulatory Programs of the Division of Marketing seek consumer protection and service for businesses.

With today's high prices, it is imperative that Tennessee consumers receive the quality and quantity of products they deserve. Tennessee state laws mandate that: a) a weights and measure program, b) a feed, seed and fertilizer inspection program be administered by the Tennessee Department of Agriculture. These regulatory programs, which have been assigned to the Division of Marketing, are enforced through field inspections and laboratory testing to ensure that certain products meet state standards before they are entered into commerce.

The Division of Marketing's weights and measures laboratory, which is directly traceable to the National Bureau of Standards, is responsible for calibration of all standards of mass, volume and length used by government agencies and private industry in Tennessee. Field inspectors routinely visit grocery stores, gasoline outlets, post offices, livestock and grain buying stations and other market locations to ensure that all weighing and measuring equipment is accurate to within legal tolerances. Major emphasis is also placed on commodity checkweighing, prior to retail sale as a method of monitoring accurate weighing practices. In addition, packages are inspected for mandatory labeling information.

In addition to the Tennessee Weights and Measures Act, this Division also administers the following laws:

1. Serviceman Registration Act
2. Weighmaster Act
3. Burley Tobacco Co-Mingling Act
4. Grain Moisture Meter Law
5. Public Grain Warehouse and Storage Act
6. Certified Public Weighers Act

Some of a farmer's most basic purchases involve feed, seed and fertilizer. State legislation has been passed to ensure that these products meet minimum specifications. Through regular inspections, field inspectors collect samples of these products from wholesale and retail outlets and transmit them to the laboratory for testing. In the event that these products do not meet minimum specifications, corrective actions are taken to solve the problem. Correct labeling information of these products is also monitored during inspections. Equipment used to store and apply anhydrous ammonia is also inspected to ensure adequate safety precautions have been taken.

1985 Feed and Fertilizer Summary

The duties of the Division of Marketing's Feed and Fertilizer Programs are to regulate the sale and distribution of all feed, fertilizer, anhydrous ammonia, and agricultural limestone, and to enforce the laws and regulations pertaining to them.

For the calendar year of 1985, there were 1,524 feed samples tested for percent of minimum crude protein, minimum crude fat, and maximum crude fibre, of which 119 samples were found to be in violation of the Commercial Feed Law (Tennessee Code Annotated, Sect. 44-6-101). Feed buyers are protected through feed registrations and sampling for assay determinations of guarantees. There were 996,227 tons of feed reported sold in Tennessee in 1985, with revenue collected at 10¢ per ton amounting to $99,622.70.

All fertilizers and soil conditioners sold in Tennessee must be registered yearly with the Division of Marketing. Revenue from fertilizer registrations amounted to $18,650.00 for 1985. There were 1,192 samples of fertilizer analyzed in 1985 for percent of total nitrogen (N), available phosphoric acid (P_2O_5), and soluable potash (K_2O), with 94 samples found to be in violation of Tennessee's Commercial Fertilizer Law (T.C.A. Sec. 43-11-101). There were 779,200 tons of fertilizer sold in Tennessee in 1985 with revenue collections of 20¢ per ton amounting to $155,840.00. Recent amendments to the Commercial Fertilizer Law became effective on July 1, 1986. These amendments were directed toward streamlining the tonnage reporting system, updating the law in general, and increasing the penalty paid to consumers for tested deficiencies to three times the commercial value of the, deficient nutrient(s). Rules and regulations pertaining to the Commercial Fertilizer Law will become official on approximately September 1, 1986, and these rules will provide the needed definitions and explanations of the law, especially in the areas of secondary and micro nutrients.

There were 276 samples of agricultural limestone taken in 1985 with 37 violations found due to either fineness of grind and/or calcium carbonate content (i.e. neutralizing value). There were 194 lime licenses sold in 1985 creating revenue of $5,125.00.

The Anhydrous Ammonia Storage and Equipment Act regulates the installations and equipment used in the storage and dispensing of liquid compressed anhydrous ammonia for use as commercial fertilizer. Inspection procedures were updated in 1985 and an added emphasis was placed on safety requirements and proper handling of anhydrous ammonia.

Gypsy Moth Eradication Led By Plant Industries

The largest number of nursery stock in the southeast is produced in Tennessee with the number of acres in nursery stock increasing by 3% in 1985.

The number of vegetable plant growers is also increasing as the Division of Plant Industries issued 245 vegetable growers certificates within the first three months of 1986.

Two other thriving agricultural industries aided by the Plant Industries division include the apiary industry and the pest control industry. Beekeeping is expanding in Tennessee as an increase of 6.6% registered apiarists was shown in 1985. The pesticide related industries are also doing extremely well according to registration increases for certificates for the use of Restricted-Use Pesticides, registered pesticide products offered for sale in the state, and charters for new commercial pest control companies.

The successful eradication of Gypsy Moths in Johnson County is the most newsworthy example of the way the Plant Industries Division aids agriculture in Tennessee. Before treatment of 47,000 acres in May, 1985 over 6,600 moths had been caught in traps set in the county. After treatment only 36 moths were found. Stopping the damage to the upper east Tennessee's forests caused by the Gypsy Moth saved millions of dollars for hardwood and softwood producers.

The diversity of expertise found in the Division of Plant Industries ranges from pesticides to vegetable and nursery plants, from blackbirds to honey bees. To facilitate the work of the Division three sections direct and coordinate programs related to the enforcement of Horticultural and Pesticide Laws: Administrative, Environmental Control, and Plant Certicication.

Within the three sections of the Plant Industries division the following units provide services to the citizens and industries of Tennessee:

I. Administrative Section
   - A. Apiary Unit
   - B. Bird Control Unit
   - C. Forestry Unit
   - D. Survey Unit

II. Environmental Control Section
   - A. Certification Unit
   - B. Monitoring and Pesticide Registration
   - C. Pest Control Unit
   - D. Pesticide Lab Unit

III. Plant Inspection
   - A. Plant Inspection
   - B. Nematology Unit
   - C. Plant Pathology Unit

The rapidly expanding nursery and greenhouse industry is monitored by the Plant Industries division through its plant certification and other licensing duties.

Plant Industries

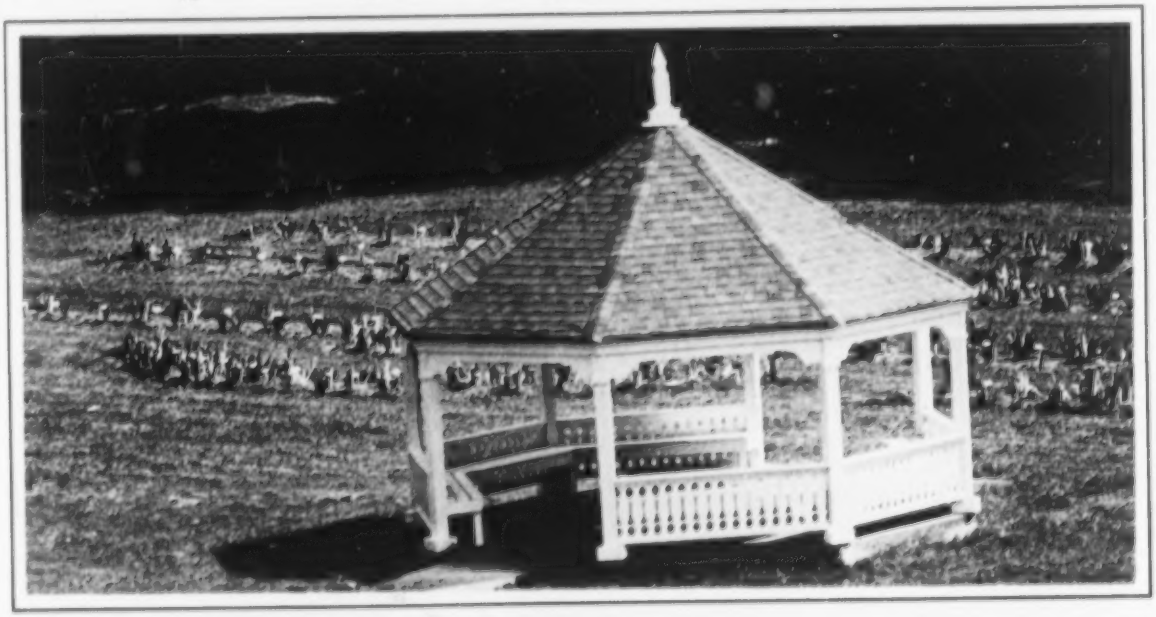
New vegetable plant regulations went into effect on March 1, 1986 due to complaints from Tennessee citizens over the quality of vegetable plants being imported into the state. Vegetable plants covered by these regulations are brocolli, cauliflower, cabbage, peppers, and tomatoes—vegetables which consist of 95% of the vegetable transplants offered for sale in the state.

Under the supervision of the Division of Plant Industries a large Gypsy Moth infestation has been eradicated.

There are 600 chartered, bonded, and insured pest control companies operating in Tennessee. The state also has 800 licensed applicators and 1,500 pest control salesmen engaged in pest-control business. Fifty-eight pilots and aircrafts are licensed to apply pesticides and herbicides in the state.

TENNESSEE FLORICULTURE PRODUCTION, AND VALUE, 1978-81 AND 1984-85

Crop Year	Producer [1]	Production Area	Quantity Sold	Percentage of Sales at Wholesale	Wholesale Price	Value of State at Wholesale [2]
	Number	Thous. Sq Ft.	Thous.	Percent	Dollars	Thous. Dollars
			POTTED LILLIES			
1978	20	78	107	98	2.50	268
1979	22	90	132	85	2.57	339
1980	20	72	123	84	2.79	343
1981	21	74	67	92	3.08	206
1984	20	129	112	97	3.73	418
1985	19	134	103	98	3.79	390
			POTTED CHRYSANTHEMUMS			
1978	40	348	696	94	2.53	1,761
1979	39	326	440	97	2.90	1,296
1980	34	325	446	92	3.07	1,369
1981	28	290	431	94	2.88	1,241
1984	21	192	310	96	3.24	1,004
1985	20	154	181	95	3.44	623
			POTTED POINSETTIAS			
1978	49	621	692	94	2.01	1,391
1979	49	723	744	78	2.68	1,994
1980	51	671	554	90	2.91	1,612
1981	58	728	539	88	2.96	1,595
1984	41	712	443	92	4.14	1,834
1985	69	890	583	87	3.17	1,848
			POTTED HYDRANGEAS			
1978	17	90	95	99	2.53	240
1979	17	102	79	99	3.29	260
1980	18	79	61	99	2.99	182
1981	19	59	48	91	3.25	156
1984	12	85	42	98	3.91	164
1985	13	57	35	100	4.09	143



Plant Industries

POTTED AFRICAN VIOLETS						
1985	7	238	1,544	100	1.99	3,073
FLOWERING HANGING BASKETS						
1985	77	—	322	92	5.00	1,610
FOLIAGE HANGING BASKETS						
1985	54	—	163	94	4.88	795
BEDDING GERANIUMS (FLATS)						
1985	27	82	48	69	6.55	314
VEGETABLE TYPE BEDDING PLANTS (FLATS)						
1984	35	230	118	70	6.03	712
1985	83	393	332	62	5.18	1,720
POTTED GERANIUMS (CUTTINGS)						
1985	64	258	639	81	1.18	754
POTTED GERANIUMS (SEED)						
1985	25	64	203	84	1.01	205
POTTED HARDY/GARDEN MUMS						
1985	47	269	282	74	1.72	485
POTTED VEGETABLE TYPE BEDDING PLANTS						
1985	20	48	104	85	0.85	88

[1]Number of growers with sales over $10,000. [2]Equivalent value of all sales

The Tennessee Agricultural Statistics Service publishes official estimates of crop and livestock production, prices and related information for Tennessee and the United States. To receive this information, fill out the order form on the next page completely and send to:

Agricultural Statistics Board Publications
Room 5829 - South Building
U.S. Department of Agriculture
Washington, D.C. 20250

Because of budget constraints, our policy of distributing reports free of charge was changed in July 1982. We charge a $10.00 annual fee for Tennessee Farm Facts and $12.00 for the Weekly Weather and Crop Report to partially offset postal and printing expenses. However, you may be eligible for free reports because: 1) You provide or may be asked to provide information for our surveys, or 2) You are associated with the news media, some educational establishments, or government agenices serving Tennessee farmers. To find out if you are eligible, you may contact this office at (615) 736-5136. In our efforts to hold down mailing costs, we ask that you subscribe to only those reports which are most desirable and beneficial to you.

When ordering, please include payment (when appropriate). Make check or money order payable to USDA/NASS.

Please fill out form completely

Name_____

Company _____

Address _____

City _____ State _____ Zip _____

	Check Here (✓)	Title	Annual Subscription Fee
955	_____	TENNESSEE FARM FACTS (Monthly)	$10.00

This monthly report is a consolidation of current agricultural related data, and will include the following reports:

- Crop Acreage and Production. (Monthly in season)
- Grain stocks. (Quarterly)
- Prices Received and Paid by Farmers. (Monthly)
- Hogs—Inventory, pig crop, and value. (Annually)
- Cattle—Inventory and value. (Annually)
- Chickens and egg production. (Monthly)
- Milk Production. (Monthly)
- Livestock Slaughter. (Monthly)
- Cash Receipts. (Semi-annually)
- Farm Labor. (Annually)

130	_____	WEATHER AND CROP REPORT	$12.00

This one-page release is issued each Monday from April through November and covers the current weather conditions and how they have affected crops; planting and harvesting progress; crop development progress; weather data.

957	_____	County Estimates of Feed Grains, Wheat, Soybeans, Hogs, & Cattle. (Annually)	No Charge
958	_____	County Estimates of Cotton and Tobacco. (Annually)	No Charge
910	_____	TENNESSEE AGRICULTURAL STATISTICS ANNUAL BULLETIN	No Charge

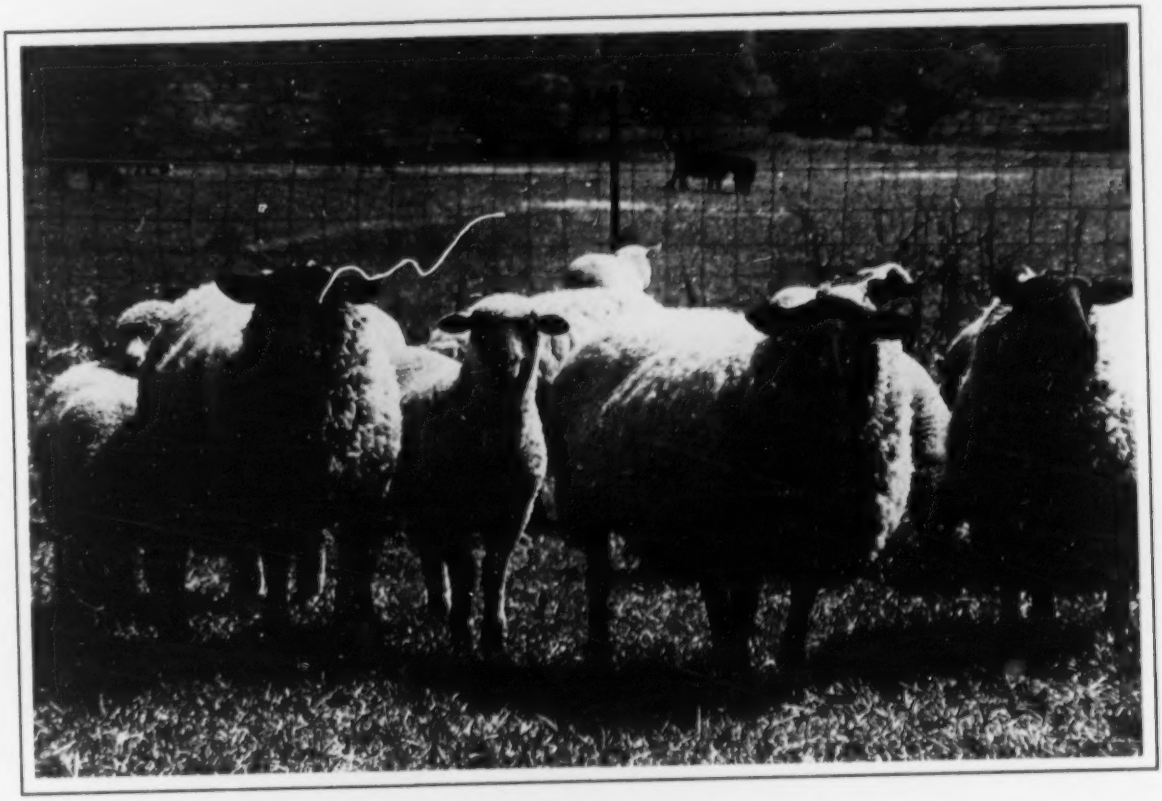
This publication is sponsored by the Tennessee Department of Agriculture and the Tennessee Agricultural Statistics Service. Included are State and County statistics of all agricultural commodities produced in Tennessee.

960	_____	TENNESSEE DAIRY STATISTICS. (Annually)	No Charge

This joint effort publication of the State Department of Agriculture and the Tennessee Agricultural Statistics Service summarizes information concerning Tennessee's dairy industry from the previous year.

Enclosed is $_____ for annual subscription reports checked above.

Tennessee (47)



Tennessee Department of Agriculture, Authorization No. 325038, 2,500 copies, September, 1986. This public document was promulgated at a cost of $4.50 per copy.